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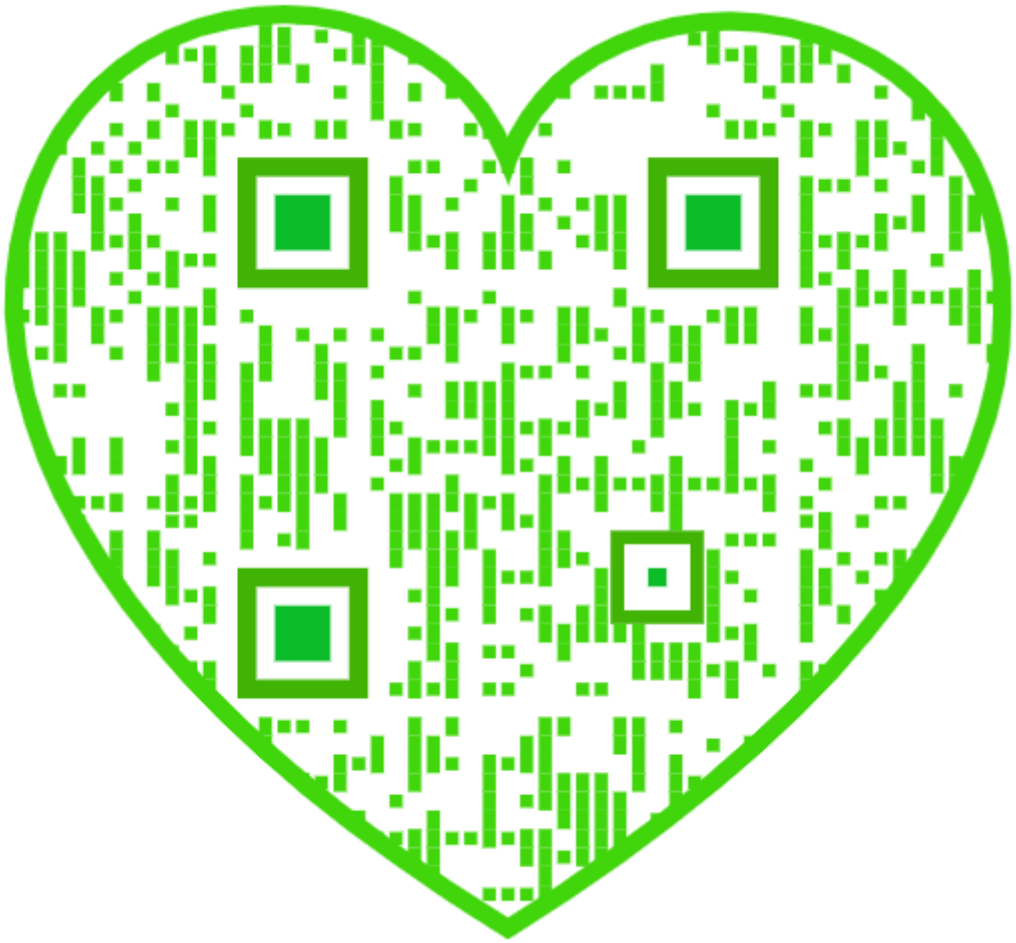

A. D. Rude.

Chas. B. Rude

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TEXT BOOK

...OF...

THE GREAT..... MODERN SYSTEM

FOR DESIGNING AND CUTTING LADIES' GARMENTS....

AS TAUGHT BY

A. D. RUDE & SON

..AT...

New York Cutting School
NEW YORK CITY.

Cleveland Cutting School
CLEVELAND, OHIO.

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NEW YORK, N. Y.

CLEVELAND, O.

HE DEMAND for Ladies' Tailor-made Garments is constantly on the increase and the time will soon come, in fact it is now here in many trades where as many women as men leave their measure for a suit of clothes.

The one thing needful to make ladies' tailoring a success is a proper system of cutting which will produce ladies' garments that have the three cardinal virtues, namely "fit," "grace" and "beauty" and these are produced by our "Great Modern System" which we here present in book form.

The system here presented is easily learned thoroughly practical and cutters using it can produce a coat, waist or skirt for a woman with the same ease that they can cut a coat, vest or trousers for a man

To the hundreds of cutters who use our system for cutting Men's garments this System will prove an open book "in very truth."

To those who have not used our system for Cutting Men's Garments there will be a positive pleasure in adopting this System and putting it into practical use

With full faith in the future of Ladies' Tailoring as the means of largely increasing the merchant tailoring trade, and a belief that the System contained in this book will be a large means to that end, we are,

Yours fraternally,

A. D. RUDE & SON.

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GENERAL REMARKS.

PAY particular attention to the name by which each line is designated and just how far each line extends.

All divisions on square are measured from joint of square, except J, which is measured from extreme end of long arm.

The word DRAW is used to designate all straight lines, and the word DRAFT for curved ones.

To obtain good results imitate curves on draft as closely as possible.

Whenever the word DOWN is used in connection with the divisions it means the Depth of Scye, and whenever the word ACROSS, the Bust Measure.

All garments are drafted for stitched edge. When binding is used deduct $\frac{1}{4}$ in. from edge of garment.

Collars are drafted for felled edge: when turned-in seam is used add $\frac{1}{4}$ inch.

For better comparison collars are shown together on separate pages.

In places where amounts can be varied to suit style of garment desired, we would advise to use amount marked on pattern until draft is thoroughly understood.

You will find it a great help to pay particular attention to the brief remarks above.

MEASURE.

Jacket Waist or Coat Measure.

First place tape under right arm holding both ends above shoulder very tight, then mark on back along and inside of tape, then under left arm and mark in same manner, then measure across back from mark to mark, take one half of this amount for width of back and add ½ in. for seams.

Place square under right arm and mark on back on top of square, then under left arm and mark in same manner. Place square under arm so it is just easy, not too tight nor too loose, and see that the square is perfectly perpendicular.

Place square across back even with these two marks and mark centre of back, then find exact length of natural waist and mark in most hollow part of back, then mark on vest collar where you wish seam of coat collar to come.

1. SLEEVE.

Measure length of sleeve by placing square under arm and measure down the arm as far as customer may desire.

2. DEPTH OF SCYE.

Measure from mark on waist collar, down back to mark even with bottom of armscye, **and always call this measure one inch more, and so write it in measure book.**

3. NATURAL WAIST.

Measure down back from mark on collar to mark at natural waist.

4. ARTIFICIAL WAIST.

Measure down from mark on collar to artificial waist. Measure down from mark on collar to mark at largest part of hip.

5. LENGTH OF COAT.

Measure down back from mark on collar to length of coat.

6. BUST MEASURE.

Take Bust easy measure standing in rear of customer.

7. WAIST MEASURE.

Measure around so as tape will fit hollow part of back and very tight.

8. HIP MEASURE.

Measure around largest part of hip easy.

All measures are taken over waist.

TO GET INCLINE.

Place straight edge against customer's back with end of straight edge just at hip line, holding it firmly with left hand, then take square in right hand and measure from straight edge to waist collar, if customer is a regular form she will measure two inches, if stooping more, and if erect less.

TO GET SUPPRESSION OF WAIST.

Measure from straight edge to most hollow part of back.

Vest Measure.

Measure length of vest from centre of back on vest collar to length desired in front, and holding tape at length of vest at front, measure back, up to the opening. These measures are applied on vest the same as they are taken.

For all other vest measures use waist measures.

Skirt Measure.

Measure around waist very tight, around hip rather easy.

Take length of skirt from seam of band to floor front sides and back and add one inch to measure.

For rainy day skirt measure length as desired.

Application of Depth of Scye.

Place end of tape at A 36 on square and measure down the amount of the depth of scye, on scale of E.

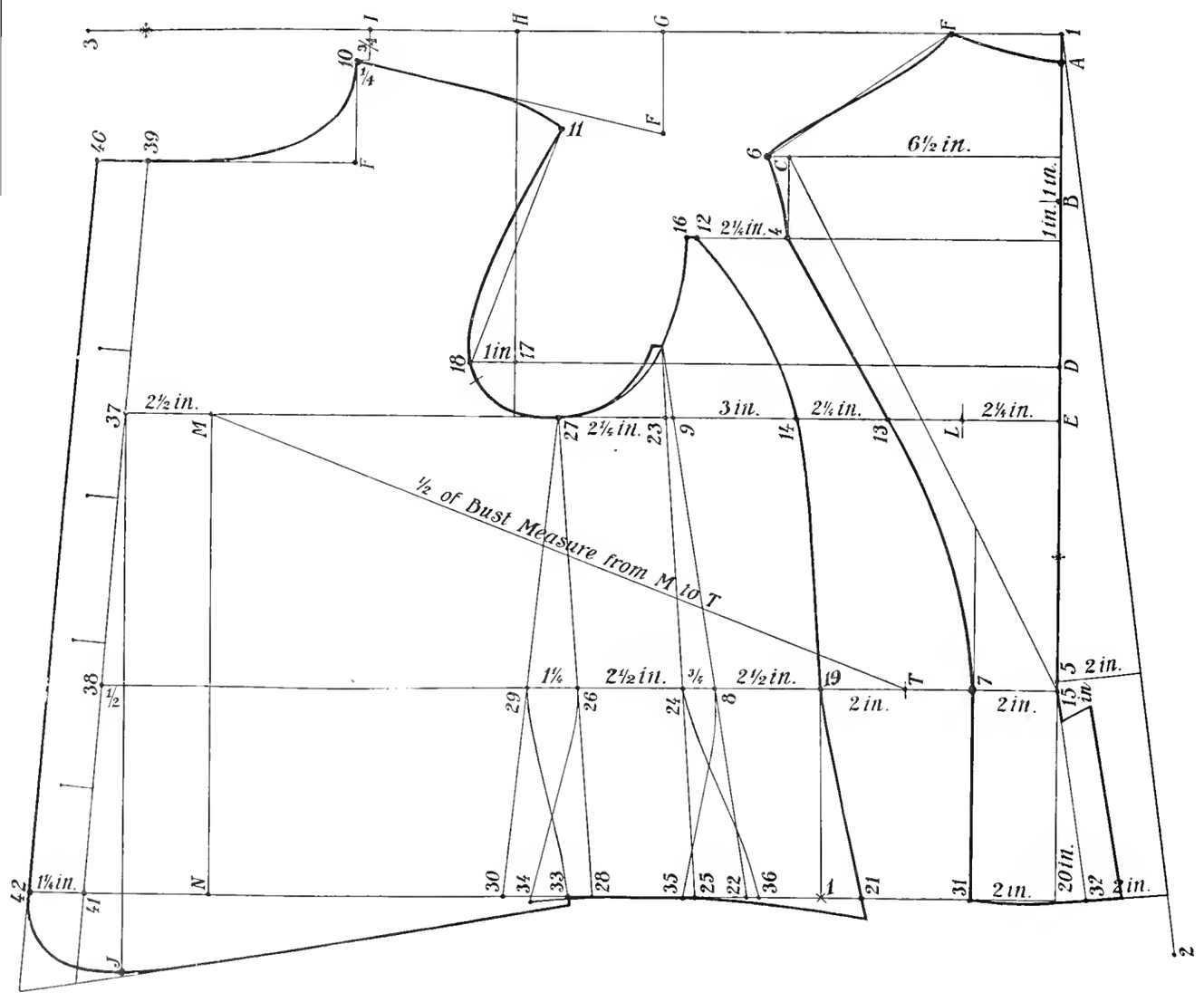
6½	inches	depth	of	scye	gives	24	on	scale	of	E.
6¾	"	"	"	"	"	25	"	"	"	"
7	"	"	"	"	"	26	"	"	"	"
7¼	"	"	"	"	"	27	"	"	"	"
7½	"	"	"	"	"	28	"	"	"	"
7¾	"	"	"	"	"	29	"	"	"	"
8	"	"	"	"	"	30	"	"	"	"
8¼	"	"	"	"	"	31	"	"	"	"
8½	"	"	"	"	"	32	"	"	"	"
8¾	"	"	"	"	"	33	"	"	"	"
9	"	"	"	"	"	34	"	"	"	"
9¼	"	"	"	"	"	35	"	"	"	"
9½	"	"	"	"	"	36	"	"	"	"
9¾	"	"	"	"	"	37	"	"	"	"
10	"	"	"	"	"	38	"	"	"	"
10¼	"	"	"	"	"	39½	"	"	"	"
10½	"	"	"	"	"	11	"	"	"	"
10¾	"	"	"	"	"	12	"	"	"	"
11	"	"	"	"	"	13	"	"	"	"

Therefore draft all lengths by depth of scye measure and all widths by bust measure.

Always apply this measure before drafting coat or waist for any size.

FLY FRONT JACKET.

PLATE I.



FLY FRONT JACKET.

Measure.

6½	Width of Back.
18	Length of Sleeve.
8½	Depth of Scye.
15	To Natural Waist.
20	To Seat and Full Length.
36	Bust Measure.
24	Waist Measure.
42	Hip Measure.
2	Incline.
2	Suppression.

FOUNDATION LINES

Draw construction line **1—2**, measure down on base line **1—2** to natural waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line **1—3** at right angles to line **1—5**.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of scye measure and E36—G36—H36 I36 by bust measure.

E is the **Bust Line.**

Place end of tape at A and measure down 15 in. to **Waist Line**, and 20 in. to **Hip Line**, which is also the length of jacket in this case

From B mark up one in. and down one in. square all lines across (except B use one in. down and one in. up instead) at right angles to line 1—5, and square all lines down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across width of back (6½ in.) from line one in. above B and square down to 1.

Make width of back at waist from (5 to 7) 2 in. and square down to 31.

The line from C to 5 is used as a guide line only.

Mark in 2 in. at bottom of jacket same as suppression.

The plait is ¾ in. width.

Draft curved line from A to F; from F to **6**; **6** to **4**; **4** through **7** and **13** to **31**.

SHOULDER.

Mark down F 32 from G and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from 10 width of shoulder from F to **6** and draft curve to **11**.

ARM SCYE AND SIDEBODY.

Mark 2¼ in. in from E to L on **Bust Line**, (for 2 in. incline) and the same amount from **4** to **12** and from **13** to **14**, from **12** to **16** is ¼ in. strong from **17** to **18** is one in.

Draft curve from **11** through **18** to Bust line and from **16** to **Bust Line**.

Measure forward ⅛ of Bust Measure (18 in.) from L on Bust line to M and square down to N on hip line.

From M measure back ⅛ of Bust Measure to wherever it may meet. Natural Waist Line marked T.

Measure forward from T, 2 in. the same amount as width of back from **5** to **7**, then square down to X at right angles with **Waist Line**. X to **21** is 1 in. Draft curve from **12** through **14** through **19** to **21**. **19** to **8** is 2½ in., **14** to **9** is 3 in. Draw line from arm scye through **9** through **8** to **22**. From **8** to **24** is ¾ in. Draw line from arm scye through **23** through **24** to **25** From **24** to **26** is 2½ in. From **23** to **27** is 2½ in. Draw line from **27** through **26** to **28**. From **26** to **29** is 1¼ in. Draw line from **27** through **29** to **30**.

Measure from N to **30**, **30** to **28**, **28** to **25**, **22** to **21**, **31** to **32**. You will find this gives 15 in. and as ⅛ of hip measure is 21 add 1½ in. from **30** to **33**. 1½ in. from **28** to **34**. 1½ in. from **25** to **36** and 1½ in. from **22** to **35**. This gives a total of 6 in. which makes pattern ⅛ of Hip Measure. Draft curve from **29** to **33**, from **26** to **34**, **24** to **36** and **8** to **35**.

FORE PART.

From M add 2½ in. for **Make-up Line**, and square down to **Bottom Line.**

Mark down J **32** from **Bottom Line** on **Make-up Line** and draw line from ¼ in. below **33** to J.

Add ½ in. at Waist Line in front of **Make-up Line**, and draw line through **37** and **38** from top to bottom of draft.

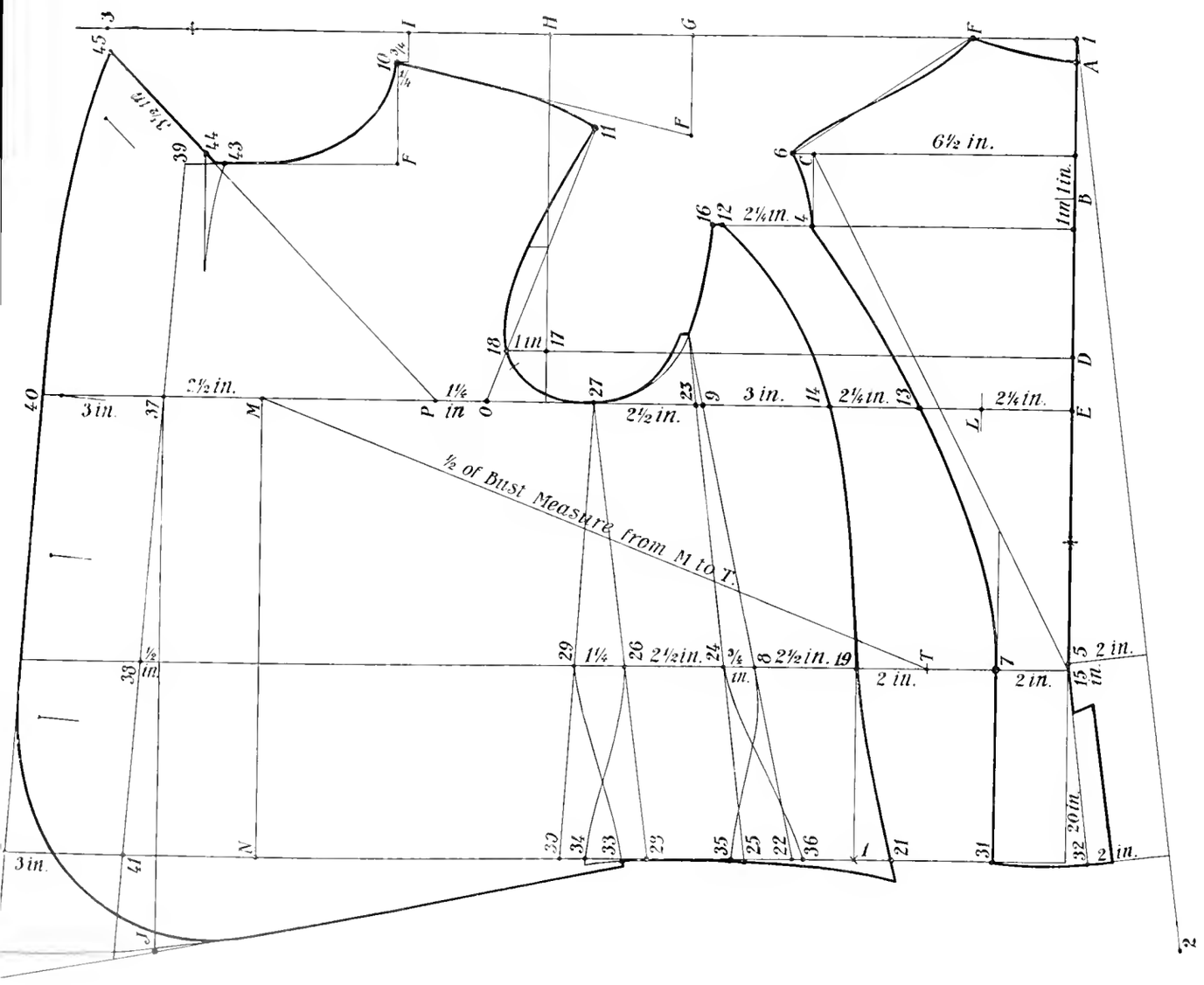
From **10** measure down F **32** and square forward to **Make-up Line.**

Draft Curve from **10** through **39**.

Add 1¼ in. from **39** to **40** and from **41** to **42** for button stand and draw line full length of Draft.

DOUBLE BREASTED JACKET.

PLATE II.



FLY FRONT JACKET.

Measure.

6½	Width of Back.
18	Length of Sleeve.
8½	Depth of Scye.
15	To Natural Waist.
20	To Seat and Full Length.
36	Bust Measure.
24	Waist Measure.
42	Hip Measure.
2	Incline.
2	Suppression.

FOUNDATION LINES

Draw construction line **1—2**, measure down on base line **1—2** to natural waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line **1—3** at right angles to line **1—5**.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of scye measure and F36—G36—H36 I36 by bust measure.

E is the **Bust Line.**

Place end of tape at A and measure down 15 in. to **Waist Line**, and 20 in. to **Hip Line**, which is also the length of jacket in this case.

From B mark up one in. and down one in. square all lines across (except B use one in. down and one in. up instead) at right angles to line 1—5, and square all lines down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across width of back (6½ in.) from line one in. above B and square down to 4.

Make width of back at waist from (5 to 7) 2 in. and square down to 31.

The line from C to 5 is used as a guide line only.

Mark in 2 in. at bottom of jacket same as suppression.

The plait is ¾ in. width.

Draft curved line from A to F; from F to **6**; **6** to **4**; **4** through **7** and **13** to **31**.

SHOULDER.

Mark down F 32 from G and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from 10 width of shoulder from F to **6** and draft curve to **11**.

ARM SCYE AND SIDEBODY.

Mark 2¼ in. in from E to L on **Bust Line**, (for 2 in. incline) and the same amount from **4** to **12** and from **13** to **14**, from **12** to **16** is ¼ in. strong from **17** to **18** is one in.

Draft curve from **11** through **18** to Bust line and from **16** to **Bust Line**.

Measure forward ½ of Bust Measure (18 in.) from L on Bust line to M and square down to N on hip line.

From M measure back ½ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T, 2 in. the same amount as width of back from **5** to **7**, then square down to X at right angles with **Waist Line**. X to **21** is 1 in. Draft curve from **12** through **14** through **19** to **21**. **19** to **8** is 2½ in., **14** to **9** is 3 in. Draw line from arm scye through **9** through **8** to **22**. From **8** to **24** is ¾ in. Draw line from arm scye through **23** through **24** to **25**. From **24** to **26** is 2½ in. From **23** to **27** is 2½ in. Draw line from **27** through **26** to **28**. From **26** to **29** is 1¼ in. Draw line from **27** through **29** to **30**.

Measure from N to **30**, **30** to **28**, **28** to **25**, **22** to **21**, **31** to **32**. You will find this gives 15 in. and as ½ of hip measure is 21 add 1½ in. from **30** to **33**. 1½ in. from **28** to **34**. 1½ in. from **25** to **36** and 1½ in. from **22** to **35**. This gives a total of 6 in. which makes pattern ½ of Hip Measure. Draft curve from **29** to **33**, from **26** to **34**, **24** to **36** and **8** to **35**.

FORE PART.

From M add 2½ in. for **Make-up Line**, and square down to **Bottom Line.**

Mark down J **32** from **Bottom Line** on **Make-up Line** and draw line from ¼ in. below **33** to J.

Add ½ in. at Waist Line in front of **Make-up Line**, and draw line through **37** and **38** from top to bottom of draft.

From **10** measure down F **32** and square forward to **Make-up Line.**

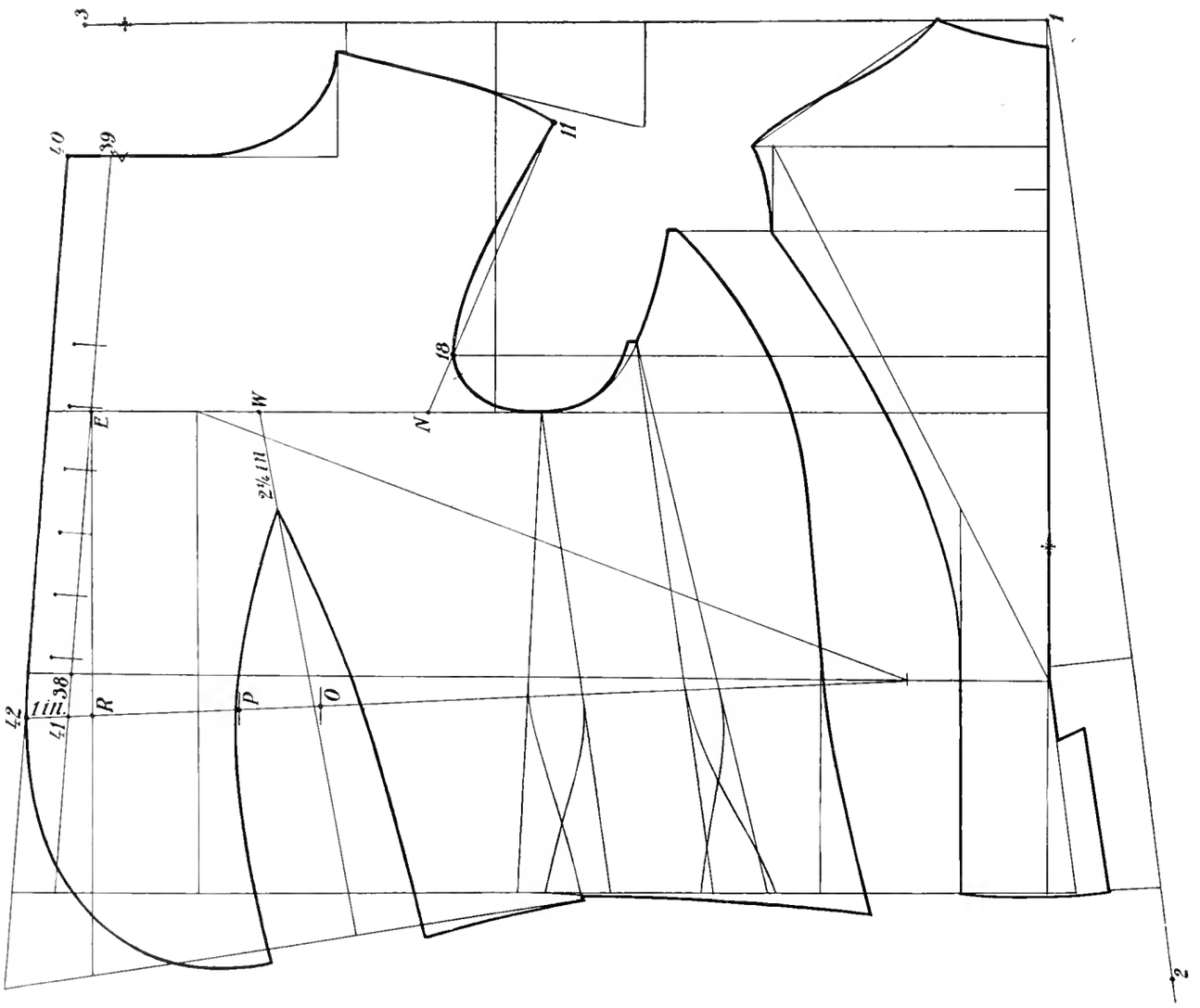
Draw line from **11** through **18** to **Bust Line** from O to P is 1½ in. from **39** to **44** is ½ in. from **44** to **43** is ½ in., Draft V between **44** and **43**.

Draw line from P through **44** to **45**; from **44** to **45** is 3½ in. from **37** to **40** is 3 in. Draw line from **40** through **42** to bottom of jacket.

Draft curve from **45** through **40** to bottom as desired.

TIGHT FITTING JACKET.

PLATE III.



TIGHT FITTING JACKET.

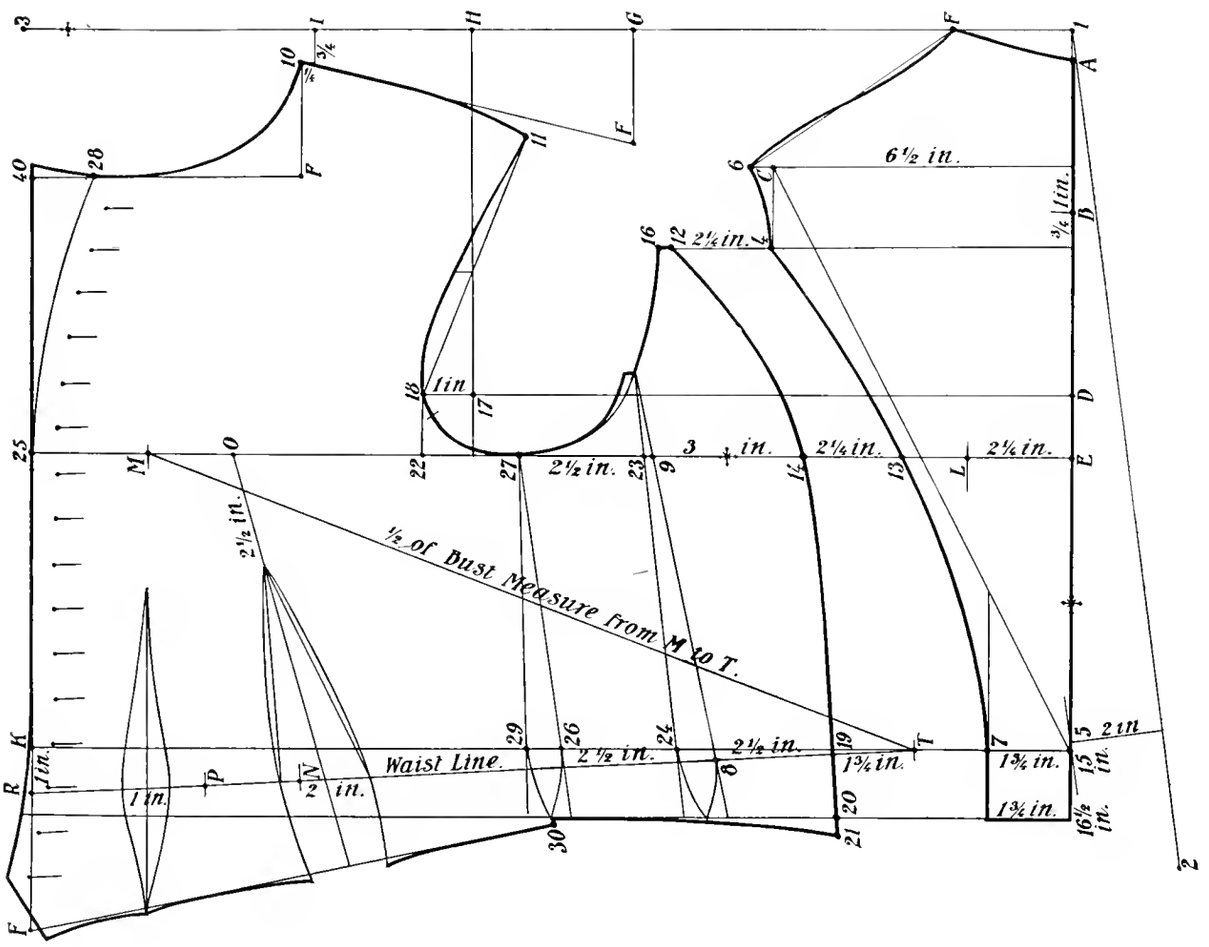
First draft jacket same as plate 1, except measure forward from T. Two inches more than one half of waist measure to O. From O add two inches for make up to P, you will find this leaves 3½ inches from P to R. Take out one large bias dart of 3 inches which with one half inch for seams of dart makes 3½ inches, in other words take dart of whatever size may be required to take up amount from P to R allowing ½ inch for seam of dart.

Draw line from **11** through **18** to **Bust Line** for N. W is one half of distance from N to E, and top of dart is 2½ inches from W.

From **39** to **40** is one inch, and from **41** to **42** is one inch, draw line from **40** to **42** and draft curve from **42** to **Bottom of Coat** as may be desired.

GLOVE FITTING WAIST.

PLATE IV.



GLOVE FITTING WAIST.

Measure.

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Seye.
15 To Natural Waist.
16½ To Length of Waist.
36 Bust Measure.
24 Waist Measure.
2 Incline.
2 Suppression.

CONSTRUCTION LINES.

Measure down on base line **1—2** to natural waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line **1—3** at right angles to line **1—5**.

Place square on draft with stars to meet and mark down A32—B32—D32—E32— by depth of seye measure and across F36—G36—H36—136 by bust measure.

From B mark up 1 inch and down ¾ inch. Measure down from A, 15 in. to natural waist and 16½ in. to length of waist, square all lines across (except B use 1 in. up and ¾ in. down instead) at right angles to line **1—5**, and square all lines down at right, angles to line **1—3**, noting how far each line extends.

BACK.

Measure across 6½ in. to C and square down to 4.

Make width of back at waist from (5 to 7) 1¾ in., width of back at bottom is 1¾ in.

The line from C to 5 is used as a guide line only.

Draft curved line from A to F; from F to **6**; **6** to **4**; **4** through **13** and **7** to bottom line.

SHOULDER.

Mark down F 32 from G and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from 10 same as width of shoulder from F to **6** and draft curve to **11**.

ARM SCYE AND SIDEBODY.

Mark 2¼ in. from E to L (for 2 in. incline) and the same amount from **4** to **12** and from **13** to **14**, from **12** to **16** is ¼ in. (strong) from **17** to **18** is one in.

Draft curve from **11** through **18** to Bust line and from **16** to **Bust Line**.

Measure forward ½ of Bust Measure (18 in.) from L on Bust line to M.

From M measure back ½ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T, 1¾ in. the same amount as width of back from **5** to **7**, then draft curve from **12** through **14** and **19**, and **20** to **21**, from **20** to **21** is ⅛ in.

From **19** to **8** is 2½ in., from **14** to **9** is 3 in. Draw line from arm seye through **9** and **8** to bottom line. From **8** to **24** is ¾ in. Draw line from arm seye through **23** and **24** to bottom line. From **24** to **26** is 2½ in. From **23** to **27** is 2½ in. Draw line from **27** through **26** to bottom line. From **26** to **29** is ¾ in. Draw line from **27** through **29** to bottom line. Add spring from **8**, **24**, **26** and **29** to bottom line.

FORE PART.

Measure forward from M 2½ in. for **Make-up Line**, and square up and down at right angles to **Bust Line.**

Mark down F **32** from **10** and square forward to **Make-up Line.**

Draft curve from **10** to **40**.

Drop 1 in. from K and draw **Waist Line** from T to R.

Measure forward from T, 1½ in. more than ¼ of waist measure to N. From N add 2 in. for **Make-up** to P. Take out amount from P to R (4 in. in this case), with two darts. Make small dart 1 in. and large dart 2 in., which allowing 1 in. for seams of darts makes 4 in.

Square down from **18** for **22**. O is ½ of distance from **22** to **25**. Top of dart is 2½ in. from O.

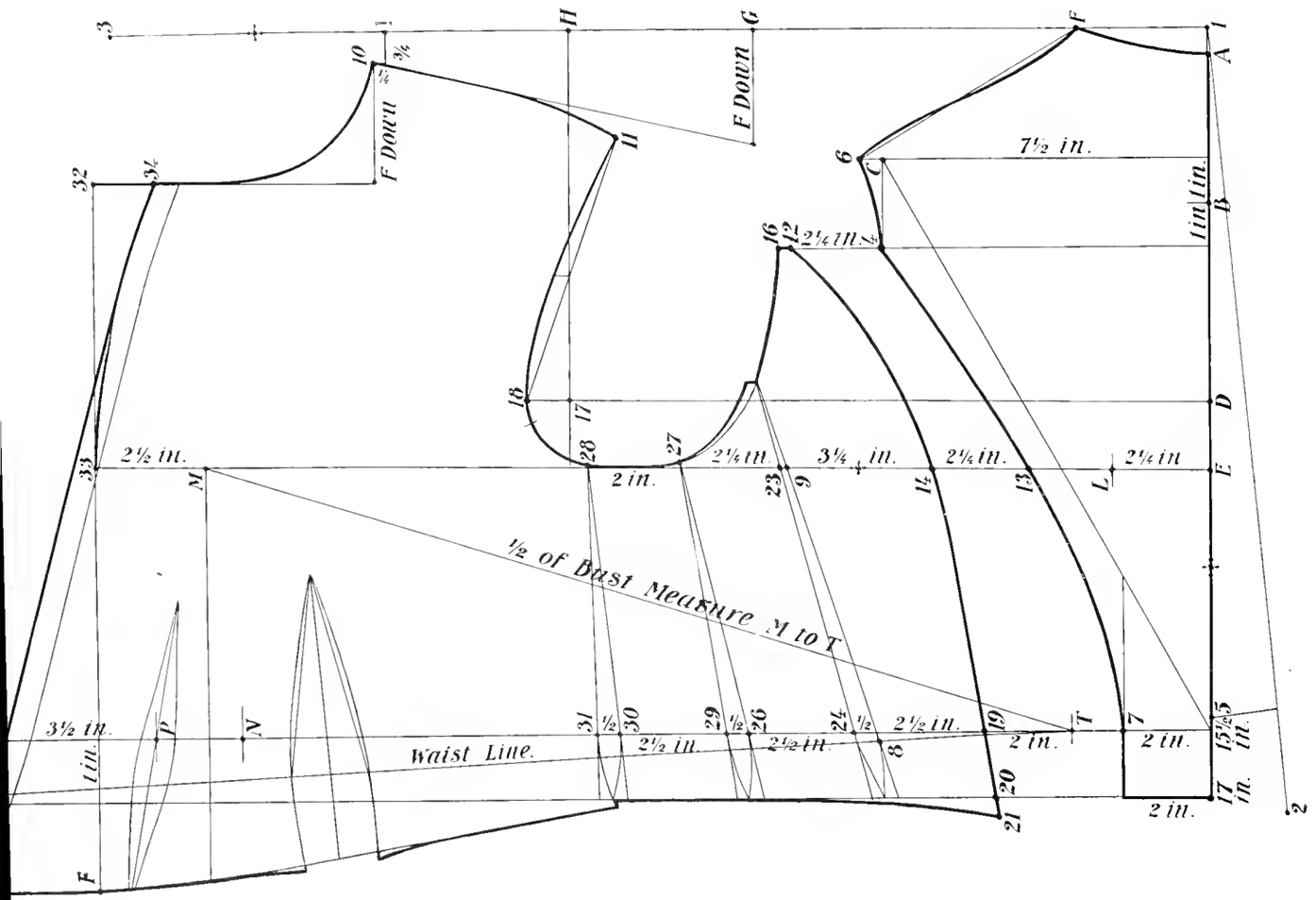
When it is desired to button waist to neck, hold tape at **x** (half way between **14** and **9**) and sweep from **25** to **28**.

Mark down F from bottom line on make-up line. Draw line from **30** to F and draft curve from waist line on **Make-up Line** through R out ½ in. to bottom of waist.

For lapel waist or jacket waist, measure down 4 to 5 in. from **40** and draw lapel line from this point to **10**.

WAIST FOR STOUT LADY.

PLATE V.



WAIST FOR STOUT LADY.

Measure.

7½ Width of Back.
18 Length of Sleeve.
9½ Depth of Seye.
15½ To Natural Waist.
17 To Length of Waist.
12 Bust Measure.
36 Waist Measure.
2 Incline.
1½ Suppression.

CONSTRUCTION LINES.

Measure down on base line **1—2** to natural waist (15½ in.) and mark in amount of suppression 1½ in. to 5.

Draw line from 1 through 5 and square across line **1—3** at right angles to line **1—5**.

Place square on draft with stars to meet and mark down A36—B36—D36—E36— by depth of seye measure and across F12—G12—H12—I12 by bust measure.

From B mark up 1 inch and down 1 inch. Measure down from A, 15½ in. to natural waist and 17 in. to length of waist, square all lines across (except B use 1 in. up and 1 in. down instead) at right angles to line **1—5**, and square all lines down at right angles to line **1—3**, noting how far each line extends.

BACK.

Measure across 7½ in. to C and square down to 4.

Make width of back at waist from (5 to 7) 2 in., width of back at bottom is 2 in.

The line from C to 5 is used as a guide line only.

Draft curved line from A to F; from F to **6**; **6** to **4**; **4** through **13** and **7** to bottom line.

SHOULDER.

Mark down F 36 from G and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from 10 same as width of shoulder from F to **6** and draft curve to **11**.

ARM SCYE AND SIDEBODY.

Mark 2¼ in. from E to L (for 2 in. incline) and the same amount from **4** to **12** and from **13** to **14**, from **12** to **16** is ¼ in. (strong) from **17** to **18** is one in.

Draft curve from **11** through **18** to Bust line and from **16** to **Bust Line**.

Measure forward ½ of Bust Measure (21 in.) from L on Bust line to M.

From M measure back ½ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T, 2 in the same amount as width of back from **5** to **7**, then draft curve from **12** through **14** and **19**, and **20** to **21**, from **20** to **21** is ⅝ in.

From **19** to **8** is 2½ in., from **14** to **9** is 3¼ in. Draw line from arm seye through **9** and **8** to bottom line. From **8** to **24** is ½ in. Draw line from arm seye through **23** and **24** to bottom line. From **24** to **26** is 2½ in. From **23** to **27** is 2½ in. Draw line from **27** through **26** to bottom line. From **26** to **29** is ½ in. Draw line from **27** through **29** to bottom line. From **29** to **30** is 2½ in., from **27** to **28** is 2 in. Draw line from **28** through **30** to bottom line. From **30** to **31** is ½ in. Draw line from **28** through **31** to bottom line. Add spring from **8**, **24**, **26**, **29**, **30** and **31** to bottom line.

FORE PART.

Measure forward from M 2½ in. for **Make-up Line**, and square up and down at right angles to **Bust Line.**

Mark down F **36** from **10** and square forward to **Make-up Line.**

Draft curve from **10** to **32**.

Drop 1 in. from R and draw **Waist Line** from T.

Measure forward from T, 1½ in. more than ½ of waist measure to N. From N add 2 in. for **Make-up** to P. From P add 3½ in. to R and take out this amount with two darts, (small dart ¾ in. and large dart 1¾ in., and 1 in. for seams of darts).

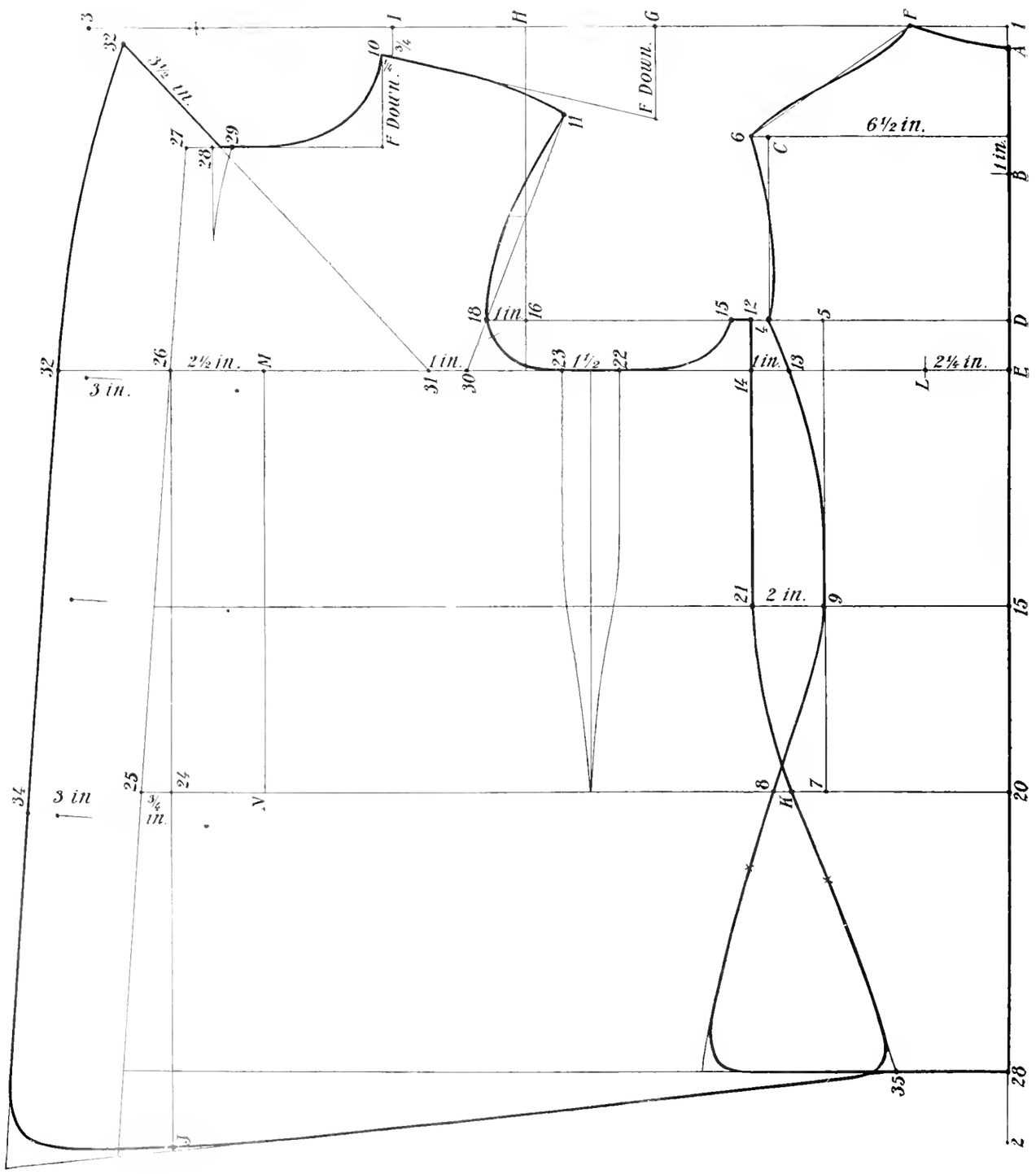
When it is desired to button waist to neck, hold tape at **x** (half way between **14** and **9**) and sweep from **33** to **34**.

Mark down F from bottom line on make-up line. Draw line from **Side Seam** to F and draft curve from **Waist Line** through R out ½ in. to bottom of waist.

For waists where edges just meet take off ½ in. entire length of front.

HALF FITTING BOX COAT.

PLATE VI.



HALF FITTING BOX COAT.

Measure.

6½ Width of Back.
8½ Depth of Scye.
15 To Natural Waist.
20 To Hip Line.
28 Long.
36 Bust Measure.
24 Waist Measure.
42 Hip Measure.
2 Incline.

FOUNDATION LINES

Draw construction line **1—2**, and using this line as a base line square across line **1—3**.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of scye measure and F36—G36—H36 I36 by bust measure.

From B mark up one in.

Place end of tape at A and measure down 15 in. to **Waist Line**, 20 in. to **Hip Line**, and 28 in. to **Bottom Line** or whatever length may be desired.

Square all lines across at right angles to line **1—2** (except B square this line 1 in. above B) and down at right angles to line **1—3**, noting how far each line extends.

BACK.

Measure across width of back (6½ in.) on line one in. above B to C and square down to 4.

Mark 1½ in. back from **4** to **5** and square down **5** to **Hip Line.**

From C to 6 is ½ in., from 7 to 8 is 1½ in. Draw a line from F to 6.

Draft curve A to F; from F to **6**; **6** to **4**; **4** through **9** through **8** to **Bottom Line.**

SHOULDER.

Mark down F 32 from G, and ¾ in. down and ¼ in. forward from I to 10. (For 2 in. incline) Measure back from I width of shoulder from F to 6 and draft curve to 11.

ARM SCYE.

Mark 2¼ in. forward from E to L on **Bust Line** (for 2 in. incline) from **4** to **12** is ½ in., from **13** to **14** is 1 in., from **12** to **15** is ¼ in.

Draft curve from **11** through **18** to **Bust Line** and from **15** to **Bust Line.**

SIDE SEAM.

From L measure forward ½ of **Bust Measure** (18 in.) on **Bust Line** to M, and square down to N on **Hip Line.**

Deduct amount from **20** to **8** (width of back) from ½ of **Hip Measure** and apply result from N back to K on **Hip Line.**

From **9** to **21** is 2 in.

Draft curve from **12** through **14** throughh **21** and K to **Bottom Line.**

From **22** to **23** is 1½ in, this is cut out to give spring over hip.

FRONT.

From M add 2½ in. for **Make-up** and square to **Bottom Line.** From **24** to **25** is ¾ in. Draw line through **26** through **25** entire length of draft for **Make-up Line.**

From **10** measure down F **32** and square forward to **Make-up Line**, and draft curve from **10** to **27.** From **27** to **28** is ¾ in., and from **28** to **29** is ½ in. from **30** to **31** is 1 in., draw line from **31** through ¼ in. above **28** to **32.** From **28** to **32** is 3½ in., cut out V between **28** and **29.**

Mark down J from bottom line on **Make-up Line** and draw line from **35** through J.

Add 3 in. in front of **Make-up Line** at **Bust Line** and **Hip Line** and draw line entire length of coat.

Draft curve from **32** through **32** and **34** to bottom of coat.

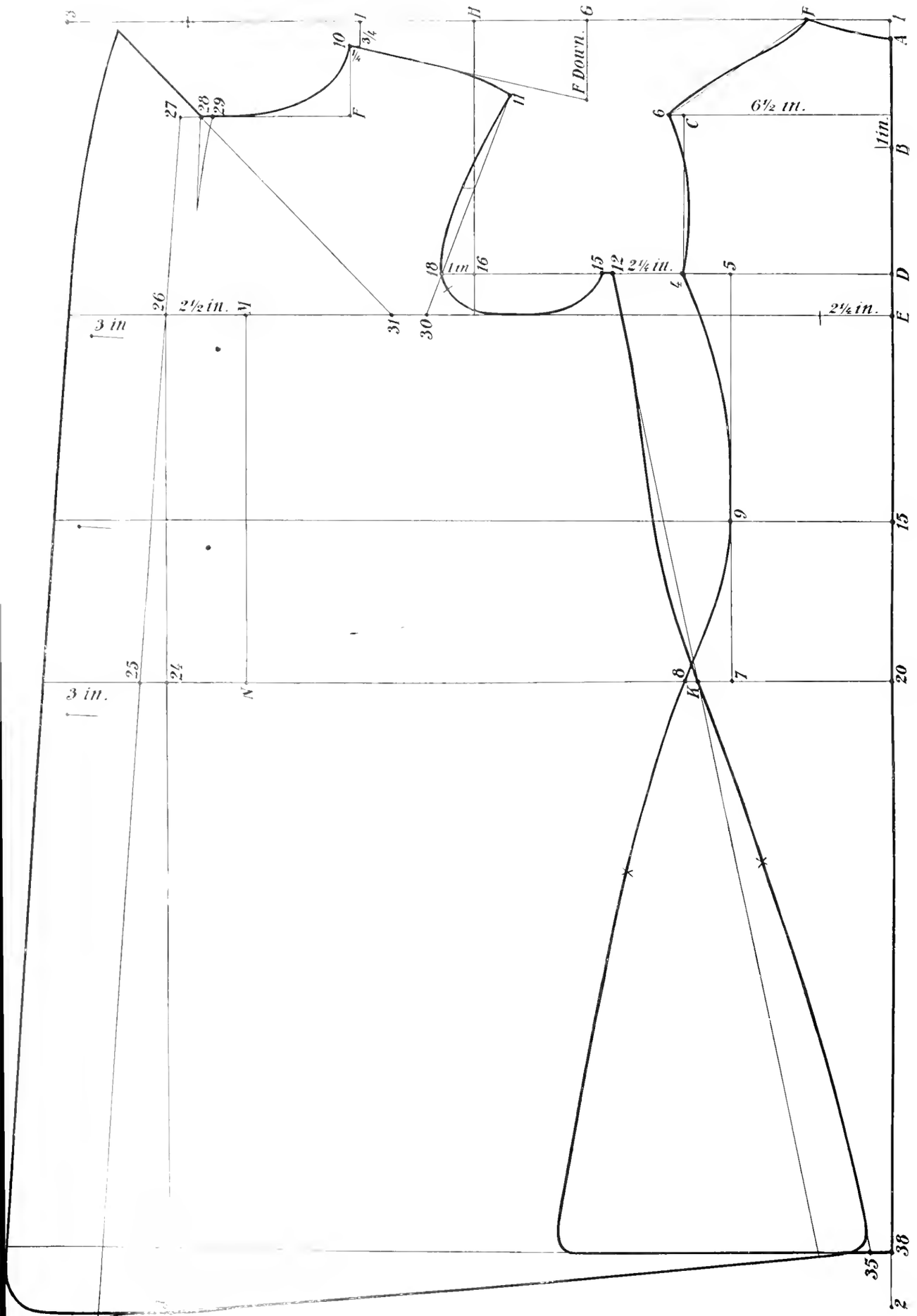
The top button is placed 6 in. down from **27.** Space for three buttons 6 in. apart and 5 in. back from edge.

Sleeve notch is always placed ½ in. down from 18.

These coats are usually left open at the side from **x.**

FULL BOX COAT.

PLATE VII.



FULL BOX COAT.

Measure.

6½ Width of Back.
8½ Depth of Seye.
15 To Natural Waist.
20 To Hip Line.
38 Long.
36 Bust Measure.
24 Waist Measure.
42 Hip Measure.
2 Incline.

FOUNDATION LINES

Draw construction line **1—2**, and using this line as a base line square across line **1—3**.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of seye measure and F36—G36—H36 I36 by bust measure.

From B mark up one in.

Place end of tape at A and measure down 15 in to **Waist Line**, 20 in. to **Hip Line**, and 38 in. to **Bottom Line** or whatever length may be desired.

Square all lines across at right angles to line **1—2** (except B square this line 1 in. above B) and down at right angles to line **1—3**, noting how far each line extends.

BACK.

Measure across width of back (6½ in.) on line one in. above B to C and square down to 4.

Mark 1½ in. back from **4** to **5** and square down **5** to **Hip Line.**

From C to 6 is ½ in., from 7 to 8 is 1½ in. Draw a line from F to 6.

Draft curve A to F; from F to **6**; **6** to **4**; **4** through **9** through **8** to **Bottom Line.**

SHOULDER.

Mark down F 32 from G, and ¾ in. down and ¼ in. forward from I to 10. (For 2 in. incline) Measure back from I width of shoulder from F to 6 and draft curve to 11.

ARM SCYE.

Mark 2¼ in. forward from E to L on **Bust Line** (for 2 in. incline) from **4** to **12** is 2¼ in., draw line from **12** through K to **Bottom Line.** From **12** to **15** is ¼ in.

Draft curve from **11** through **18** to **Bust Line** and from **15** to **Bust Line.**

SIDE SEAM.

From L measure forward ½ of **Bust Measure** (18 in.) on **Bust Line** to M, and square down to N on **Hip Line.**

Deduct amount from **20** to **8** (width of back) from ½ of **Hip Measure** and apply result from N back to K on **Hip Line.**

Draft curve from **12** through K to **Bottom Line.**

FRONT.

From M add 2½ in. for **Make-up** and square to **Bottom Line.** From **24** to **25** is ¾ in. Draw line through **26** through **25** entire length of draft for **Make-up Line.**

From **10** measure down F **32** and square forward to **Make-up Line**, and draft curve from **10** to **27.** From **27** to **28** is ¾ in., and from **28** to **29** is ½ in. from **30** to **31** is 1 in., draw line from **31** through ¼ in. above **28** cut out V between **28** and **29.**

Mark down J from bottom line on **Make-up Line** and draw line from **35** through J.

Add 3 in. in front of **Make-up Line** at **Bust Line** and **Hip Line** and draw line entire length of coat.

The top button is placed 7 in. down from **27.** Space for three buttons 6 in. apart and 5 in. back from edge.

Sleeve notch is always placed ½ in. down from 18.

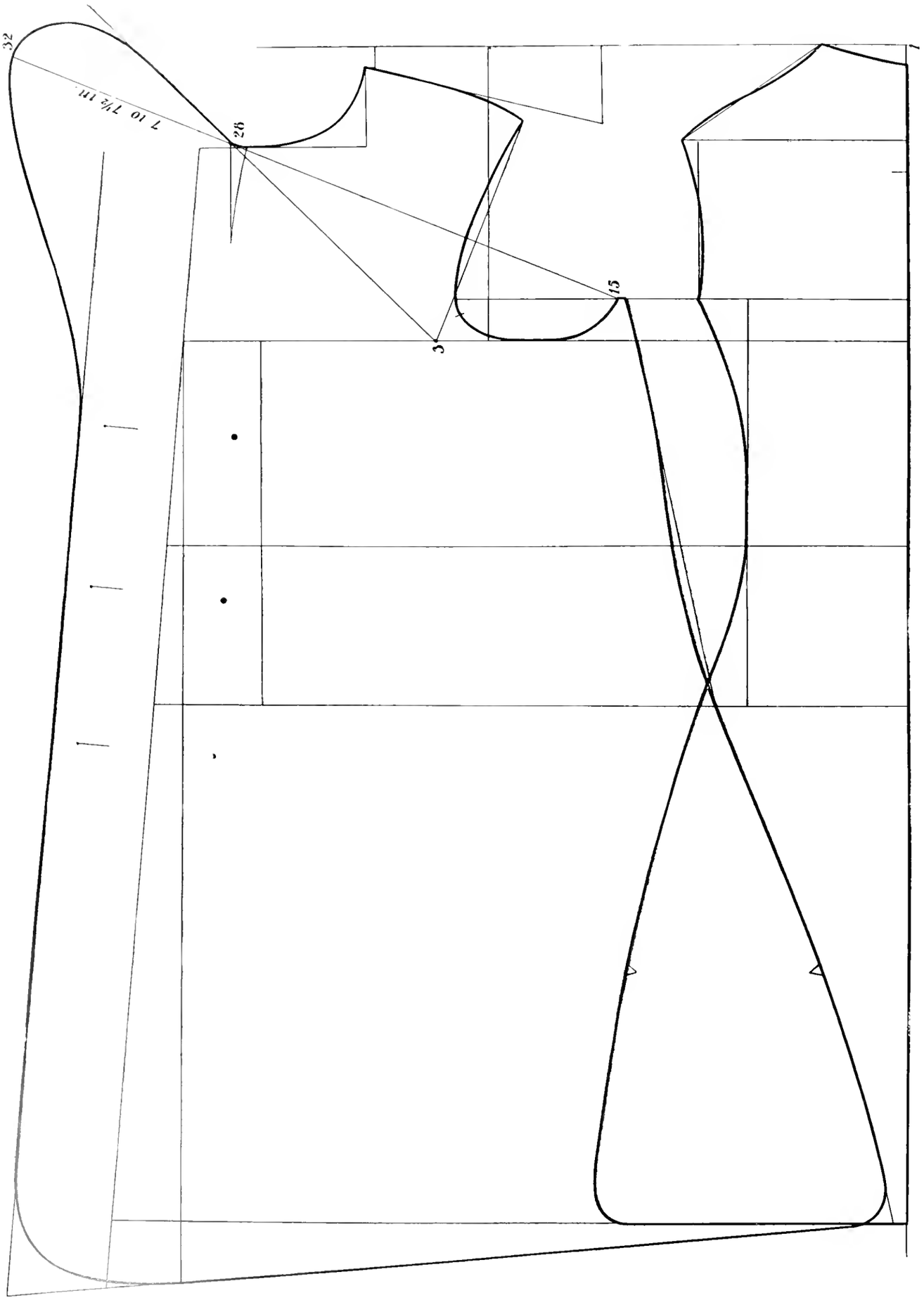
These coats are usually left open at the side from **x.**

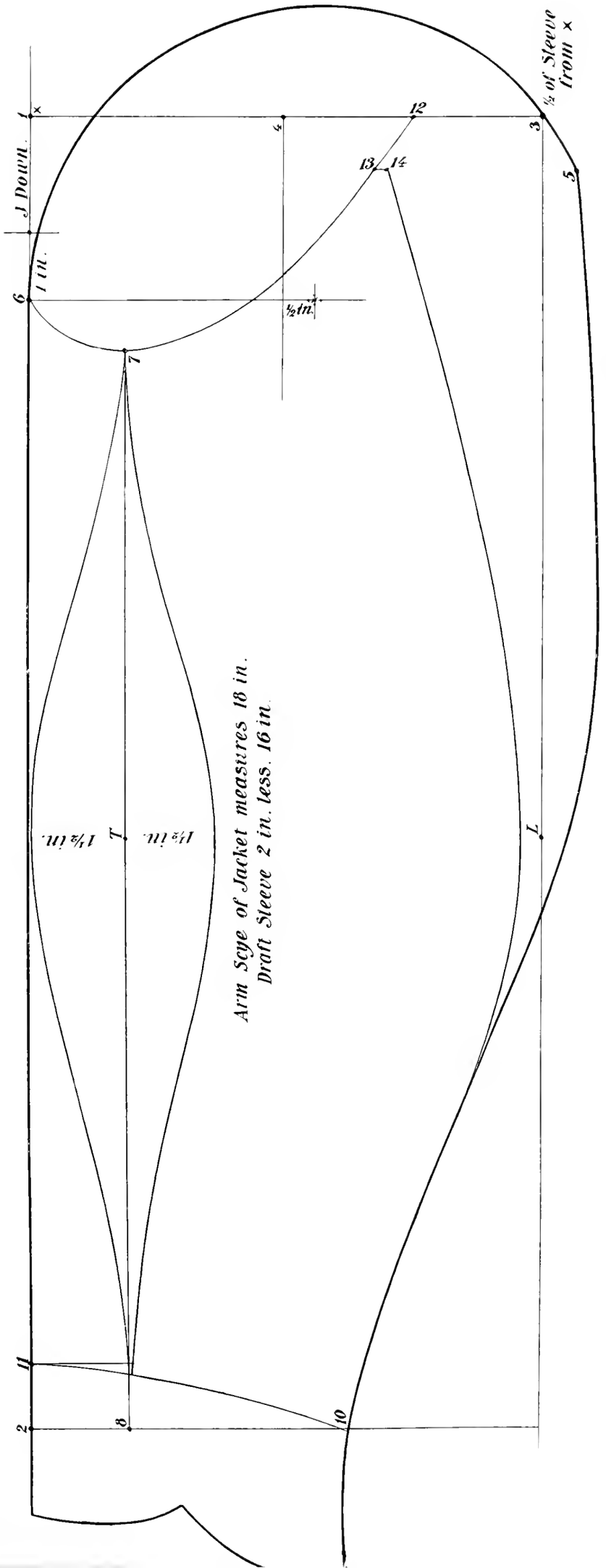
AUTOMOBILE COAT.

Draft Automobile Coat on page 22 same as Full Box Coat, plate VII, except to draw line from **3** through **28** and from **15** through **28** to **32.** From **28** to **32** is 7 to 7½ in. Draft lapel as desired.

AUTOMOBILE COAT.

PLATE VIII.





SLEEVE.

PLATE IX.

Measure size of arm scye of coat, waist, or jacket pattern and draft sleeve 2 in. less where plain sleeve is desired or draft sleeve same size of arm scye if extra fulness is desired in sleeve head.

First fold paper evenly on construction line **1—2**.

Measure back ¼ of sleeve and ½ of sleeve from **x** on line **1—3** to points **3—4**.

Square down lines **3** and **4** at right angles to line **1—3**.

Measure down J (depth of scye) from **1** and add 1 in. (point **6**).

Place fore part on sleeve so as notch of fore part will meet notch on sleeve (point **6**) and trace the arm scye of fore part from **6** to **7** on sleeve pattern.

Point **7** is 1½ in. from construction line. Point **8** is 1½ in. from point **2**.

Measure down the length of sleeve from **7** on line **7—8** and add 1 in.

Always measure lady at wrist and elbow. Measure back from point **2**, half amount desired at wrist and measure back from point T half of amount desired at elbow to L.

From line **1-3** square down from **4**. Measure back ½ in. to star. Hold at star and sweep from **6** through **3** for head of sleeve.

Measure in 2 in. from point **3** to **12** and draft curve to **7**.

From **12** to **13** is 1 in. and from **13** to **14** is ¼ in. from **3** to **5** is 1 in.

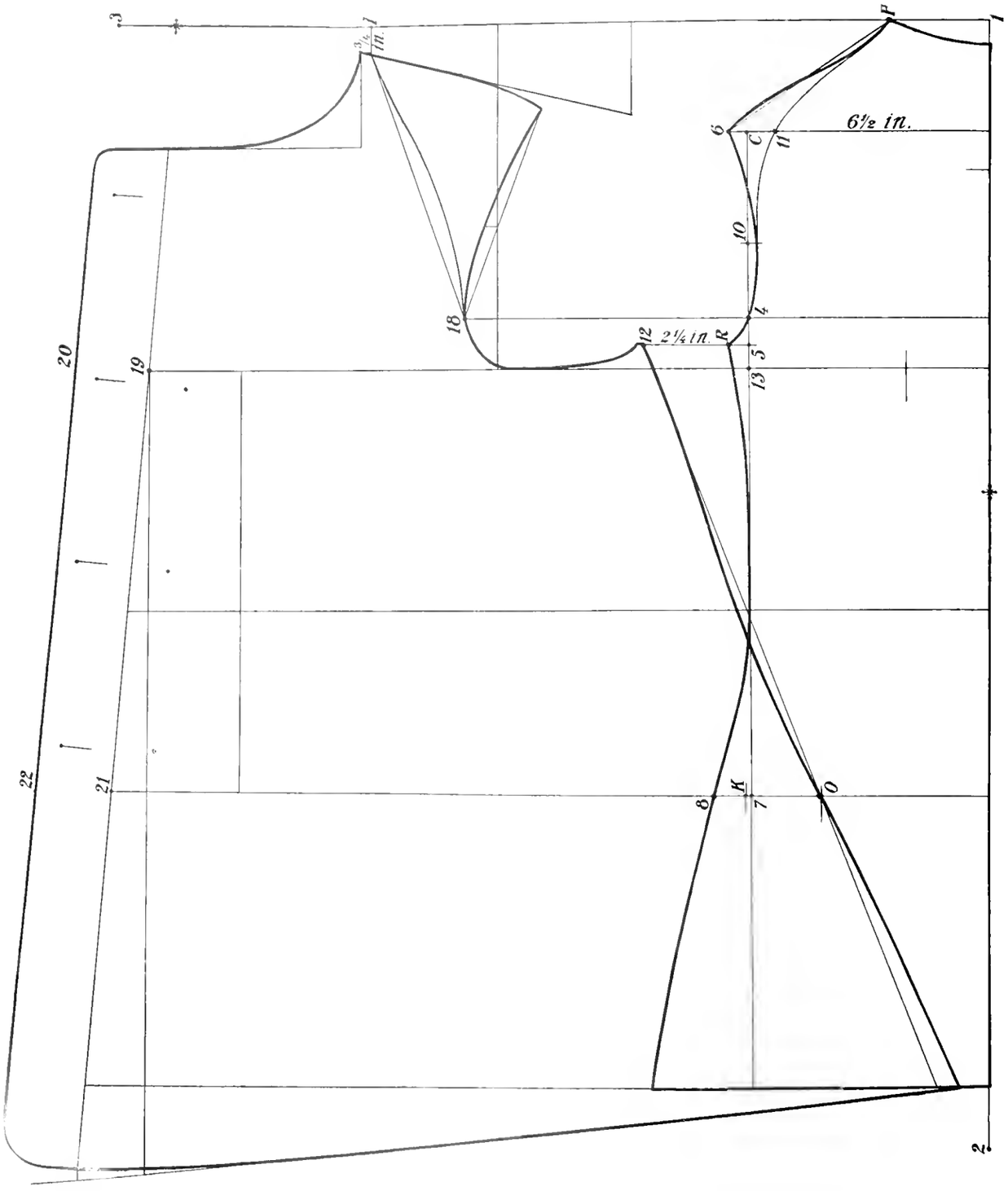
Draft curve from **5** one quarter in. outside of L to **10** and draft curve from **14** one quarter in. inside of L to **10**.

Hollow sleeve 1½ in. on each side of T and draft curved lines from **7** to **8**.

Cuff is in addition to length of sleeve and may be drafted to suit.

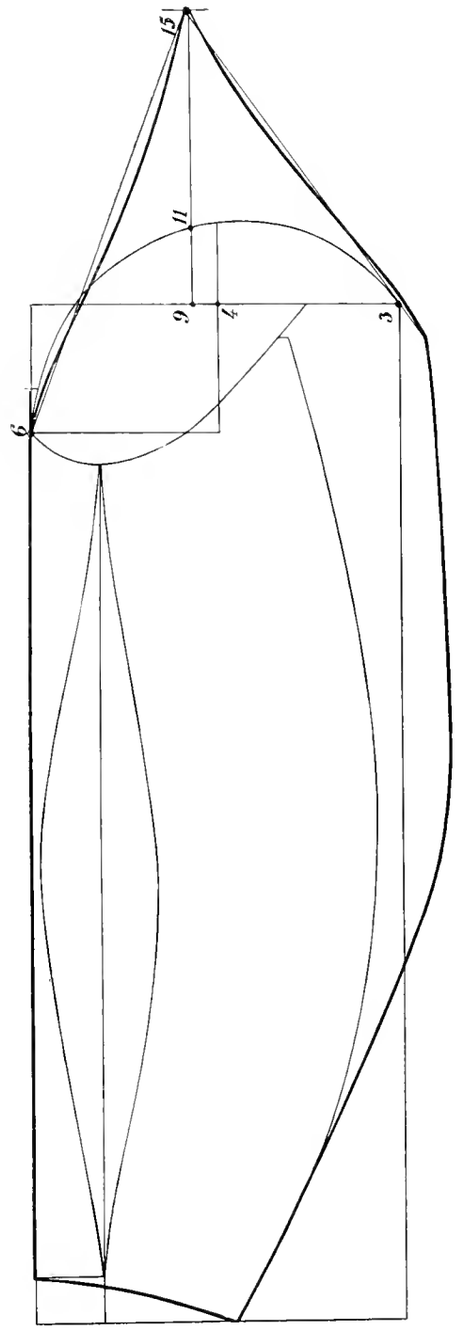
RAGLAN.

PLATE X.



RAGLAN.

PLATE XI.



First draft Full Box Coat same as plate, VII., except 21 to 28 inches long, omit peak of lapel and add 2 in. from **19** to **20** and 2 in. from **21** to **22** draw line up and down full length of draft through **20** and **22** and square line from **4** to **Hip Line** instead of from **5** to **Hip Line**.

BACK.

11 is $\frac{3}{4}$ in. from C, **10** is 3 in. from C, **5** is $\frac{5}{8}$ in. from **13**, R is $\frac{1}{2}$ in. from **5**.

Draft curve from F through **11** and **10**, and **4** to R, and from R through line **13—7** at waist line and through **8** to bottom of draft.

FORE PART.

Draw line from $\frac{3}{4}$ in. below I to **18** and draft curve.

RAGLAN SLEEVE.

PLATE XI.

First draft regular sleeve.

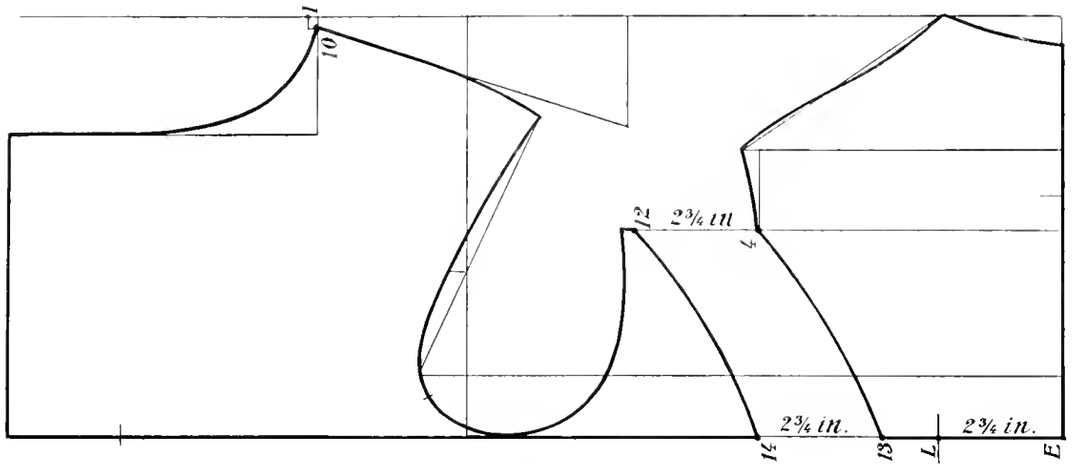
From **4** to **9** is $\frac{1}{2}$ in. Square up from **9** and measure up from **11** same amount as width of shoulder from F to **6**.

Draw line from **15** to **3** and from **15** to **6** curve from **15** to **3** and from **15** to **6**.

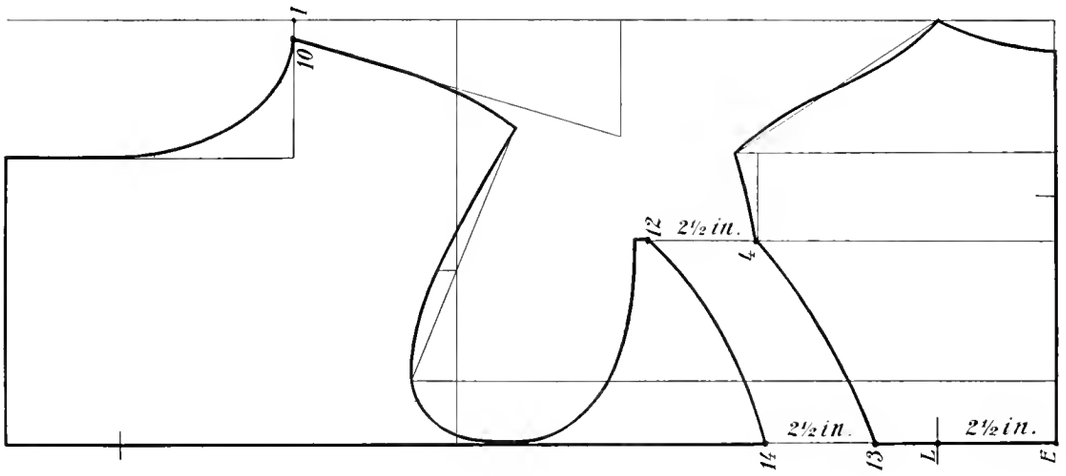
INCLINES.

PLATE XII.

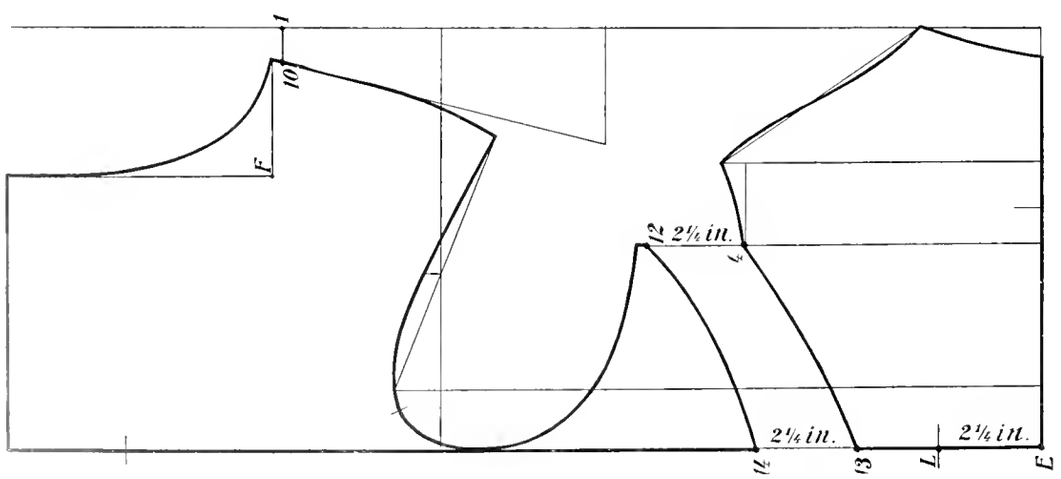
NO INCLINE.



ONE INCH INCLINE.



TWO INCH INCLINE.



NO INCLINE.

Measure forward $2\frac{3}{4}$ in. from E for point L, and $2\frac{3}{4}$ in. from **4** to **12** and from **13** to **14**.

Mark back from I $\frac{1}{4}$ in. on line **1—3** and drop $\frac{1}{4}$ in. for point **10**.

ONE INCH INCLINE.

Measure forward from E $2\frac{1}{2}$ in. for point L and $2\frac{1}{2}$ in. from **4** to **12** and from **13** to **14**.

Mark down $\frac{1}{2}$ in. from 1 for point **10**.

TWO INCH INCLINE.

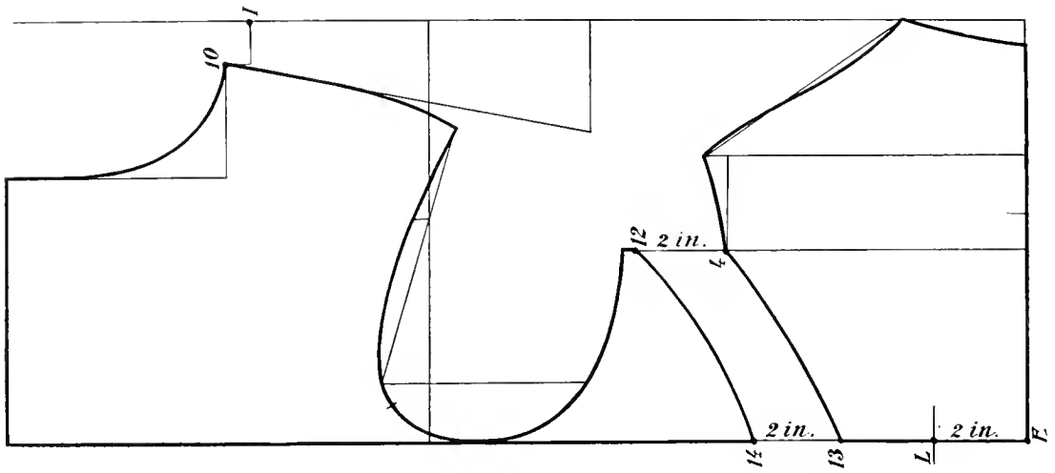
Measure forward $2\frac{1}{4}$ in. from E for point L and same amount from **4** to **12** and from **13** to **14**.

Mark down $\frac{3}{4}$ in. and forward $\frac{1}{4}$ in. for point **10**.

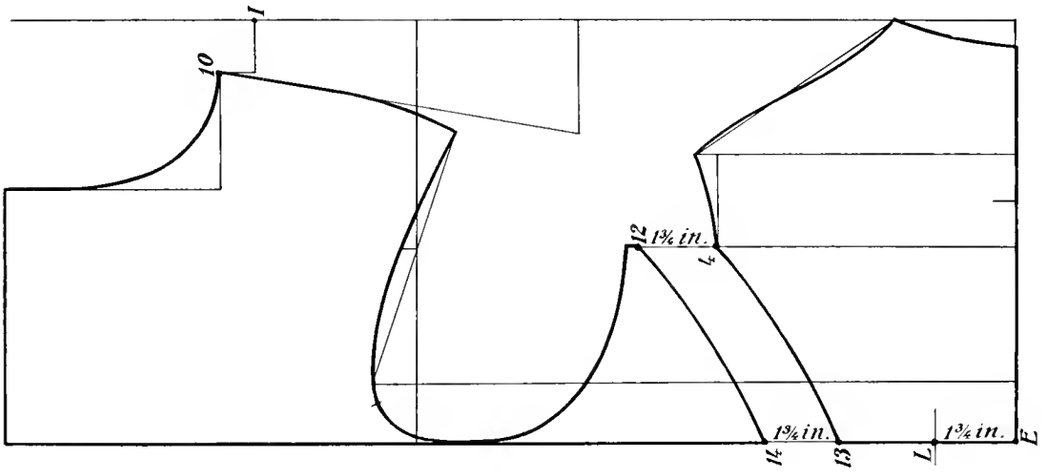
INCLINES.

PLATE XIII.

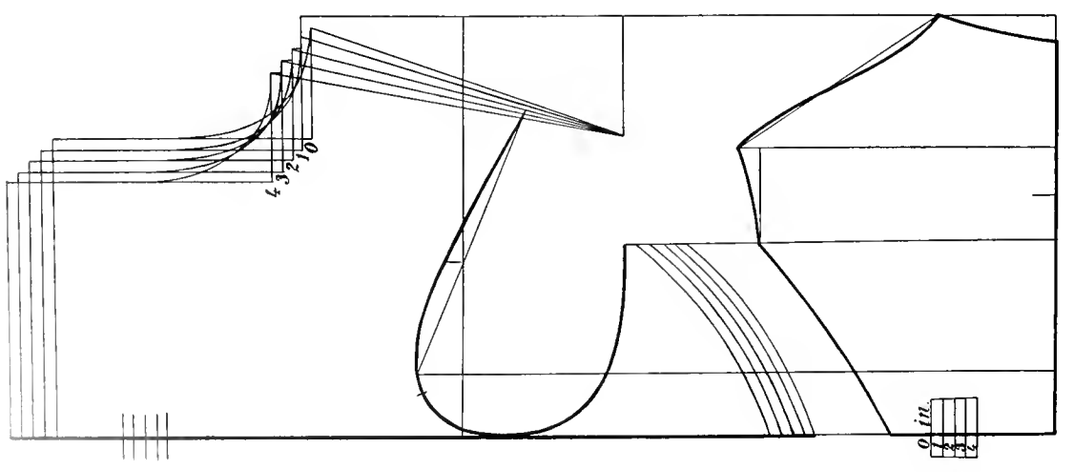
THREE INCH INCLINE.



FOUR INCH INCLINE.



GRADED INCLINES.



THREE INCH INCLINE.

Measure forward 2 in. from E for point L and same amount from **4** to **12** and from **13** to **14**.

Mark down 1 in. from I and forward $\frac{1}{2}$ in. for point **10**.

FOUR INCH INCLINE.

Measure forward $1\frac{3}{4}$ in. from E for point L and the same amount from **4** to **12** and from **13** to **14**.

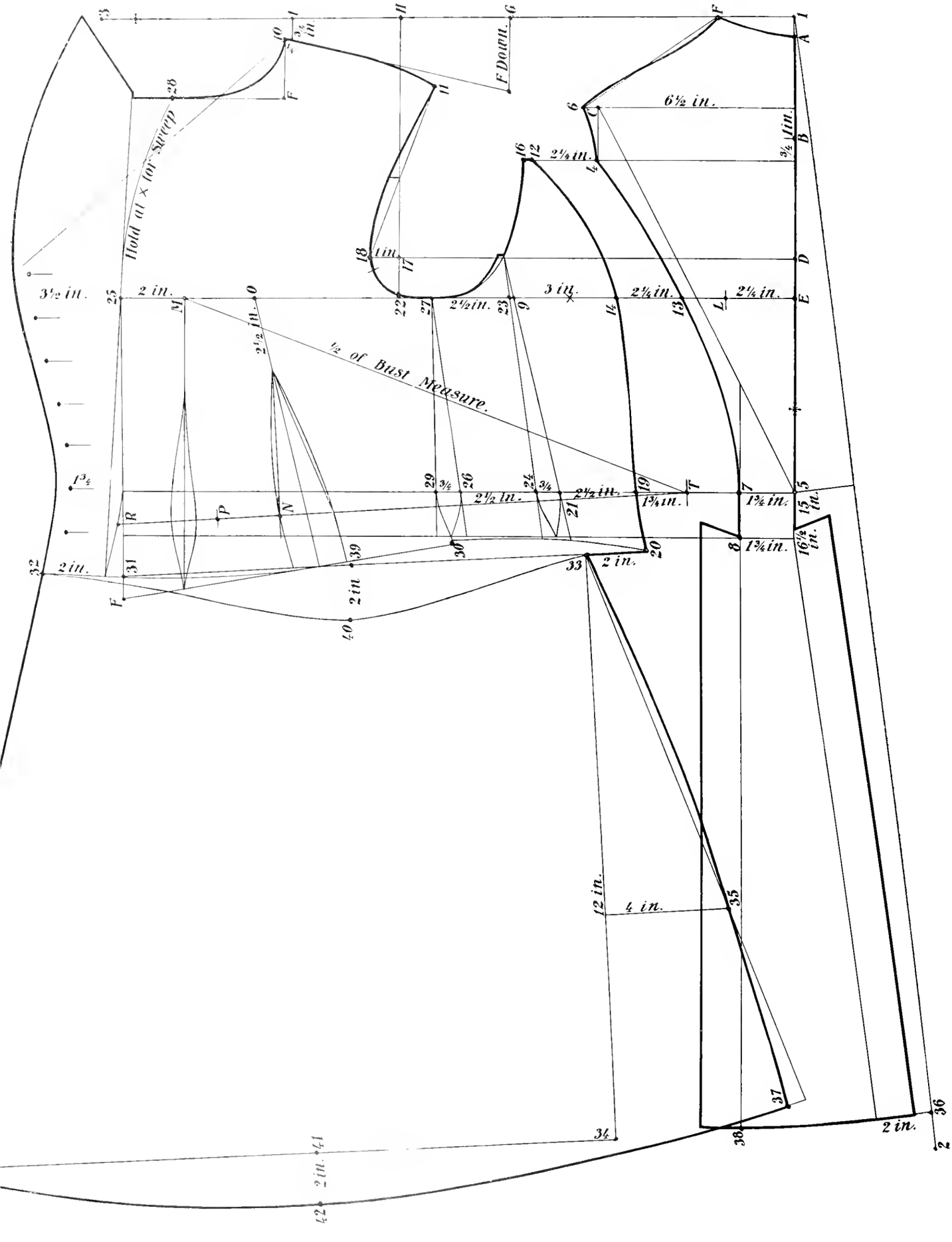
Mark down $1\frac{1}{4}$ in. from I and forward $\frac{3}{4}$ in. for point **10**.

GRADED INCLINE.

Showing all inclines in one grade.

DOUBLE BREASTED FROCK COAT.

PLATE XIV.



DOUBLE BREASTED FROCK COAT.

Measure.

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
15 To Natural Waist.
16½ To Fashionable Waist.
36 To Length of Coat.
36 Bust Measure.
24 Waist Measure.
12 Hip Measure.
2 Incline.
2 Suppression.

FOUNDATION LINES

Measure down on base line **1—2** to **Natural Waist** (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from **1** through **5** and square across line **1—3** at right angles to line **1—5.**

Place square on draft with stars to meet and mark down A32—B32—D32—E32 by **Depth of Scye Measure** and across F36—G36—H36—I36 by **Bust Measure.**

From B mark up 1 in. and down ¾ inch.

Place end of tape at A and measure down 15 in. to **Natural Waist Line**, 16½ in. to **Fashionable Waist Line**, and 36 for full length of coat.

Square all lines across (except B use 1 in. up and ¾ in. down instead) at right angles to line **1—5** and square all lines down at right angles to line **1—3**, noting how far each line extends.

BACK.

Measure across 6½ in. to C and square down to **4**, make width of back at waist (from **5** to **7**) 1¾ in. and square down to bottom of draft at right angles to **Waist Line.**

The line from C to **5** is used as a guide line only. C to 6 is ½ in. Draw line from F to 6, curve line from A to F; F to **6**; **6** to **4**; and from **4** through **13** to **7.**

Mark in 2 in. from **36** (same as suppression) and draw line from 16½ to 2, plait is 1¼ in. in width.

SHOULDER.

Mark down F 32 from G, and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from **10** same amount as width of shoulder from F to **6** and draft curve to **11.**

ARM SCYE AND SIDE BODY.

Mark 2¼ in. from E to L (for 2 in. incline) and the same amount from **4** to **12** and from **13** to **14.** From **12** to **16** is ¼ in., from **17** to **18** is 1 in.

Draft curve from **11** through **18** to **Bust Line** and from **16** to **Bust Line.**

Measure forward ⅛ of **Bust Measure** (18 in.) from L on **Bust Line** to M, from M measure back ⅛ of **Bust Measure** to wherever it may meet **Natural Waist Line** at T.

Measure forward from T 1¾ in. the same amount as width of back from **5** to **7**, then draft curve from **12** through **14** and **19** to **20.**

From **19** to **21** is 2½ in., from **14** to **9** is 3 in., draw line from **Arm Scye** through **9** and **21** to **Bottom Line**, from **21** to **24** is ¾ in., draw line from **Arm Scye** through **23** and **24** to **Bottom Line.** From **24** to **26** is 2½ in., from **23** to **27** is 2½ in. Draw line from **27** through **26** to **Bottom Line.** From **26** to **29** is ¾ in., draw line from **27** through **29** to **30.**

Add spring from **21, 24, 26** and **29.**

FORE PART.

Measure forward from M 2 in. for **Make-up** and square down to **Fashionable Waist Line** at right angles to **Bust Line.**

Hold tape at **x** (⅓ of distance between **14** and **9**) and sweep from **25** to **28.** Mark down F **32** from **10** and square forward through sweep-line.

Draft curve from **10** through **28.**

Measure forward from T 1½ in. more than ⅛ of waist measure to N. From N add 2 in. for **Make-up** to P, take out amount from P to R (3½ in. in this case) with two darts make small dart ¾ in. and large dart 1¾ in., which allowing 1 in. for seams of darts makes 3½ in. O is half of distance from **22** to **25.** Top of large dart is 2½ in. from O.

Mark down F from **Fashionable Waist Line** on **Make-up Line** and draw line from **30** to F—**31** is ¾ up, from F draft curved line through **31** to **32.**

Width of lapel at bottom is 2 in., 1¾ in. at **Waist**, 3¼ in. at **Bust** and 3 in. at **Peak.**

Draft lapel from peak through bust waist and fashionable waist to bottom of draft.

SKIRT.

Draw line from **20** to **32**, from **20** to **33** is 2 in., square down from **33** at right angles to line **20—32** to bottom of skirt **34.**

Measure down 12 in. from **33** on line **33—34** for spring, and measure back 1 in. from **x** when **Hip** measures 6 in. more than **Bust** and add or deduct ¼ in. from this amount for each in the **Hip** is larger or smaller than **Bust.**

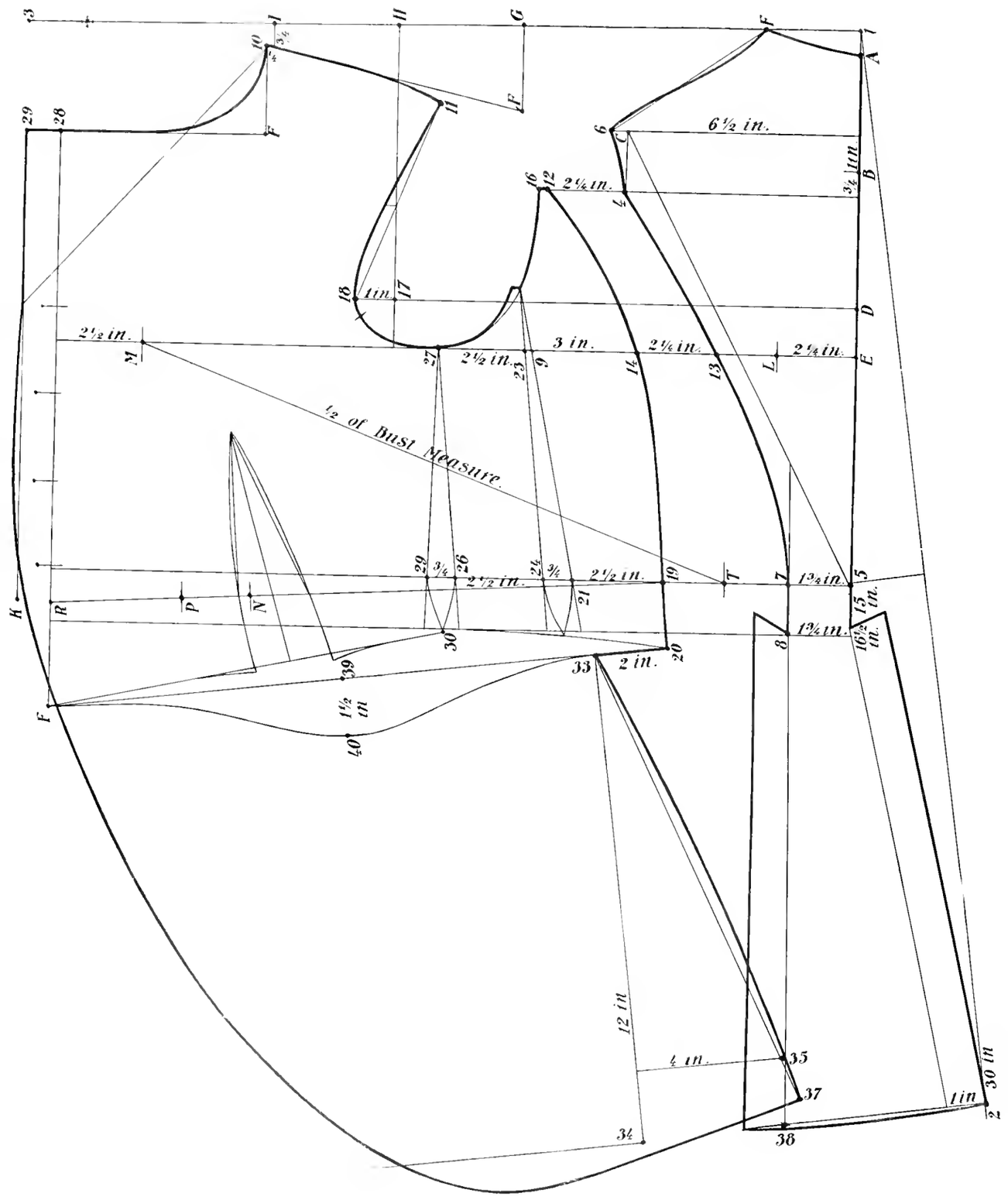
Draft curve from **33** through **35** to bottom of skirt.

Length from **33** to **37** is the same as from **8** to **38.** Square line from **34** to front of skirt at right angles to line **33—34.** From **39** to **40** is 2 in., draft curve from **33** through **40** to **32.**

From **41** to **42** is 2 in., draft curve from **37** through **42** to front of skirt.

LADIES' CUTAWAY COAT

PLATE XV.



LADIES' CUTAWAY COAT.

Measure.

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
15 To Natural Waist.
16½ To Fashionable Waist.
30 To Length of Coat.
36 Bust Measure.
21 Waist Measure.
12 Hip Measure.
2 Incline.
2 Suppression.

FOUNDATION LINES

Measure down on base line **1—2** to **Natural Waist** (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from **1** through **5** and square across line **1—3** at right angles to line **1—5.**

Place square on draft with stars to meet and mark down A32—B32—D32—E32 by **Depth of Scye Measure** and across F36—G36—H36—I36 by **Bust Measure.**

From B mark up 1 in. and down ¾ inch.

Place end of tape at A and measure down 15 in. to **Natural Waist Line**, 16½ in. to **Fashionable Waist Line**, and 30 for full length of coat.

Square all lines across (except B use 1 in up and ¾ in. down instead) at right angles to line **1—5** and square all lines down at right angles to line **1—3**, noting how far each line extends.

BACK.

Measure across 6½ in. to C and square down to **4**, make width of back at waist (from **5** to **7**) 1¾ in. and square down to bottom of draft at right angles to **Waist Line.**

The line from C to **5** is used as a guide line only. C to 6 is ½ in. Draw line from F to 6, curve line from A to F; F to **6**; **6** to **4**; and from **4** through **13** to **7.**

Mark in 1 in. from **2** and draw line from 16½ to **1**, plait is 1¼ in. in width.

SHOULDER.

Mark down F 32 from G, and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from **10** same amount as width of shoulder from F to **6** and draft curve to **11.**

ARM SCYE AND SIDE BODY.

Mark 2¼ in. from E to L (for 2 in. incline) and the same amount from **4** to **12** and from **13** to **14.** From **12** to **16** is ¼ in., from **17** to **18** is 1 in.

Draft curve from **11** through **18** to **Bust Line** and from **16** to **Bust Line.**

Measure forward ½ of **Bust Measure** (18 in.) from L on **Bust Line** to M, from M measure back ½ of **Bust Measure** to wherever it may meet **Natural Waist Line** at T.

Measure forward from T 1¾ in. the same amount as width of back from **5** to **7**, then draft curve from **12** through **14** and **19** to **20.**

From **19** to **21** is 2½ in., from **14** to **9** is 3 in., draw line from **Arm Scye** through **9** and **21** to **Bottom Line**, from **21** to **24** is ¾ in., draw line from **Arm Scye** through **23** and **24** to **Bottom Line.** From **24** to **26** is 2½ in., from **23** to **27** is 2½ in Draw line from **27** through **26** to **Bottom Line.** From **26** to **29** is ¾ in., draw line from **27** through **29** to **30.**

Add spring from **21, 24, 26** and **29.**

FORE PART.

Measure forward from M 2 in. for **Make-up** and square down to **Fashionable Waist Line** at right angles to **Bust Line.**

Mark down F **32** from **10** and square forward to **Make-up Line.**

Draft curve from **10** through **28.**

Measure forward from T 1½ in. more than ⅛ of waist measure to N. From N add 2 in. for **Make-up** to P. The amount from P to R is 3½ in. in this case. Take out ½ of this amount with bias dart for half fitting or entire amount with two darts for glove fitting.

Mark down F from **Fashionable Waist Line** on **Make-up Line** and draw line from **30** to F.

From **28** to **29** is 1 in. and from R to K is 1 in., draw line from **29** to K.

Draft curve from **29** ¼ in. inside of K and F to bottom of draft.

SKIRT.

Draw line from **20** to F, from **20** to **33** is 2 in., square down from **33** at right angles to line **20—32** to bottom of skirt **34.**

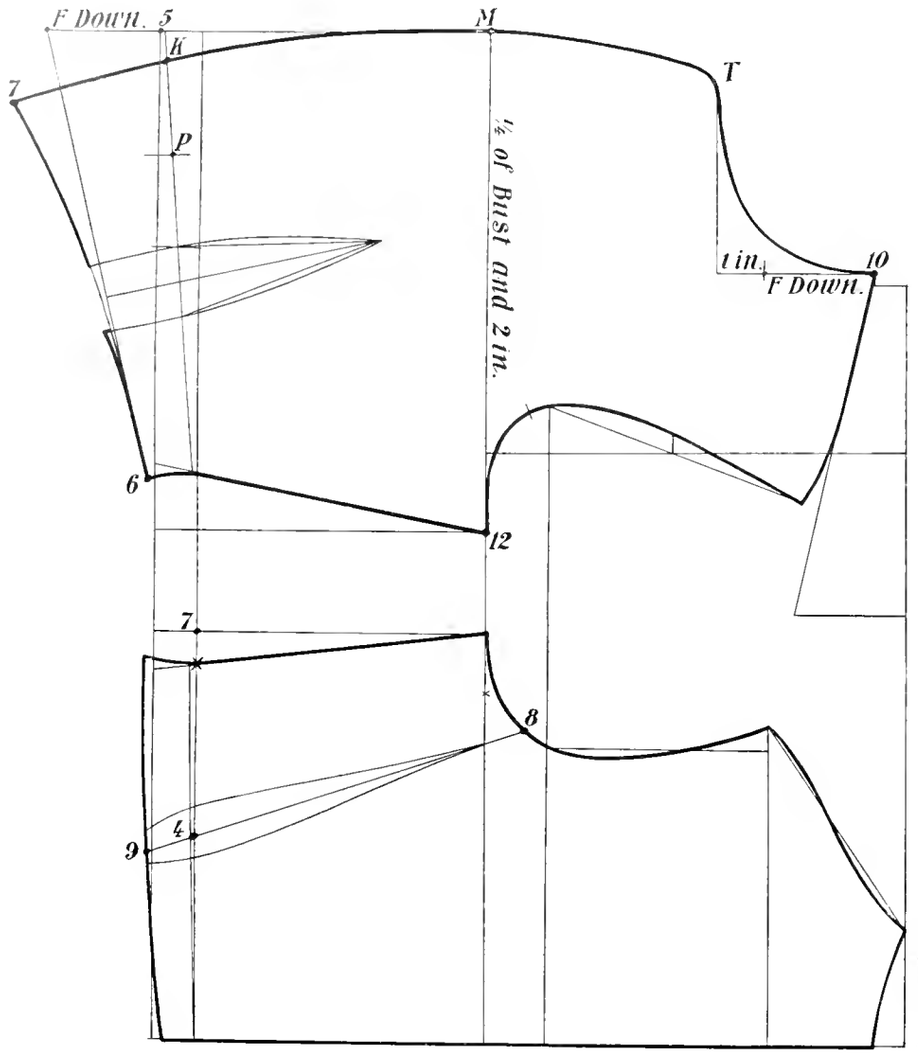
Measure down 12 in. from **33** on line **33—34** for spring, and measure back 4 in. from **x** when **Hip** measures 6 in. more than **Bust** and add or deduct ¼ in. from this amount for each in the **Hip** is larger or smaller than **Bust.**

Draft curve from **33** through **35** to bottom of skirt.

Length from **33** to **37** is the same as from **8** to **38.** Square line forward from **34** at right angles to line **33—34.** From **39** to **40** is 2 in., draft curve from **33** through **40** to F.

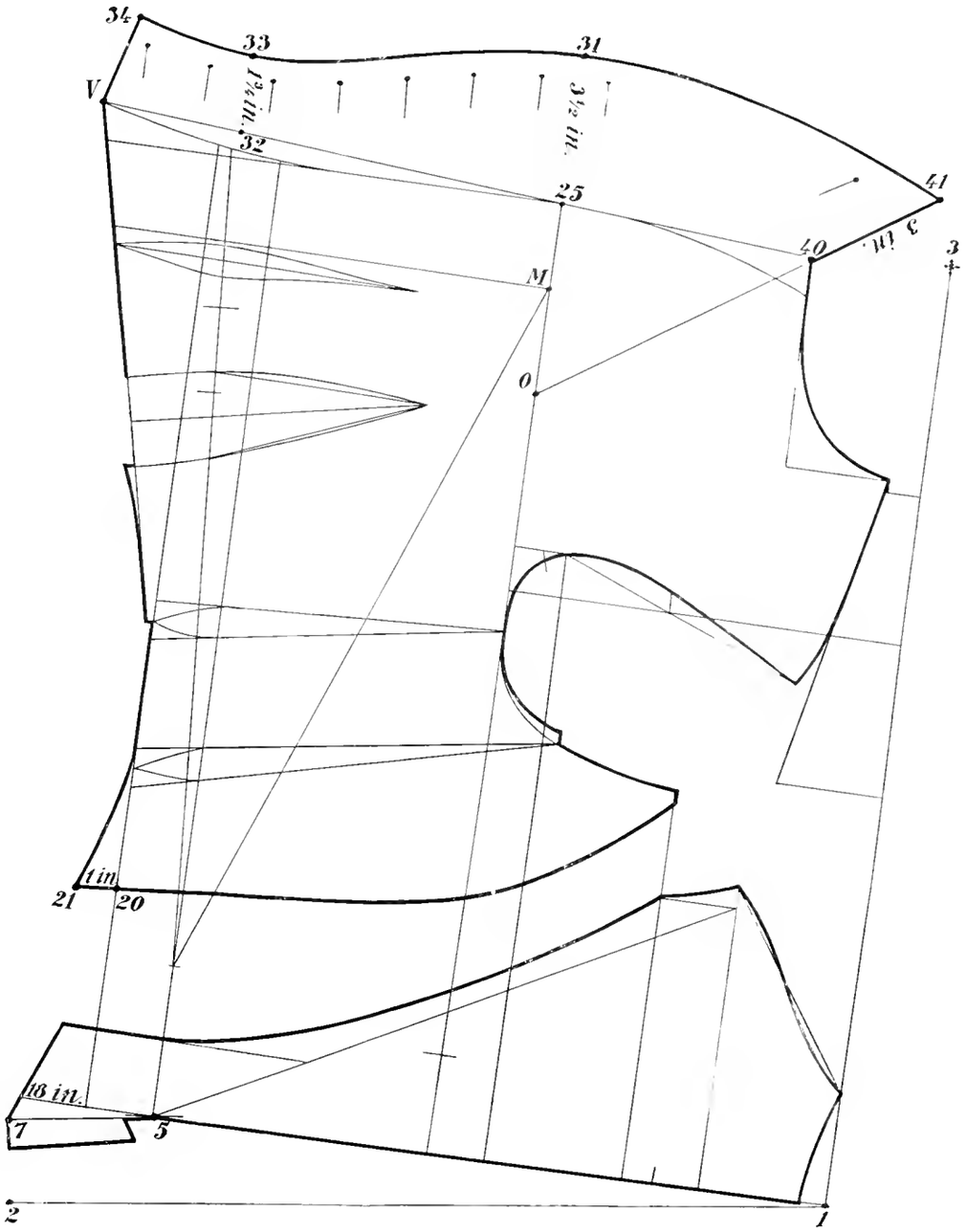
ETON JACKET.

PLATE XVII.



JACKET WAIST.

PLATE XVI.



JACKET WAIST.

PLATE XVI.

Measure

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
16½ Artificial Waist.
18 Full Length.
36 Bust Measure.
24 Waist Measure.
2 Incline.
2 Suppression.

Draft same as Double Breasted Frock, plate XIV., except to omit skirt and make length 1½ in. longer than Fashionable Waist length.

ETON JACKET.

PLATE XVII.

Measure.

6½ Width of Back.
8½ Depth of Scye.
15 To Natural Waist.
16 Full Length.
36 Bust Measure.
24 Waist Measure.
2 Incline.

Draft same as Vest, plate XVIII, page 36, except do not hollow back at **15** and mark ¾ in. from **7** to **x.**

From **12** to M is one-fourth of Bust Measure and 2 in.

Mark down F—**32** from **10** and add 1 in. and square across to T.

Draft curve from **10** to T and sweep from M to T.

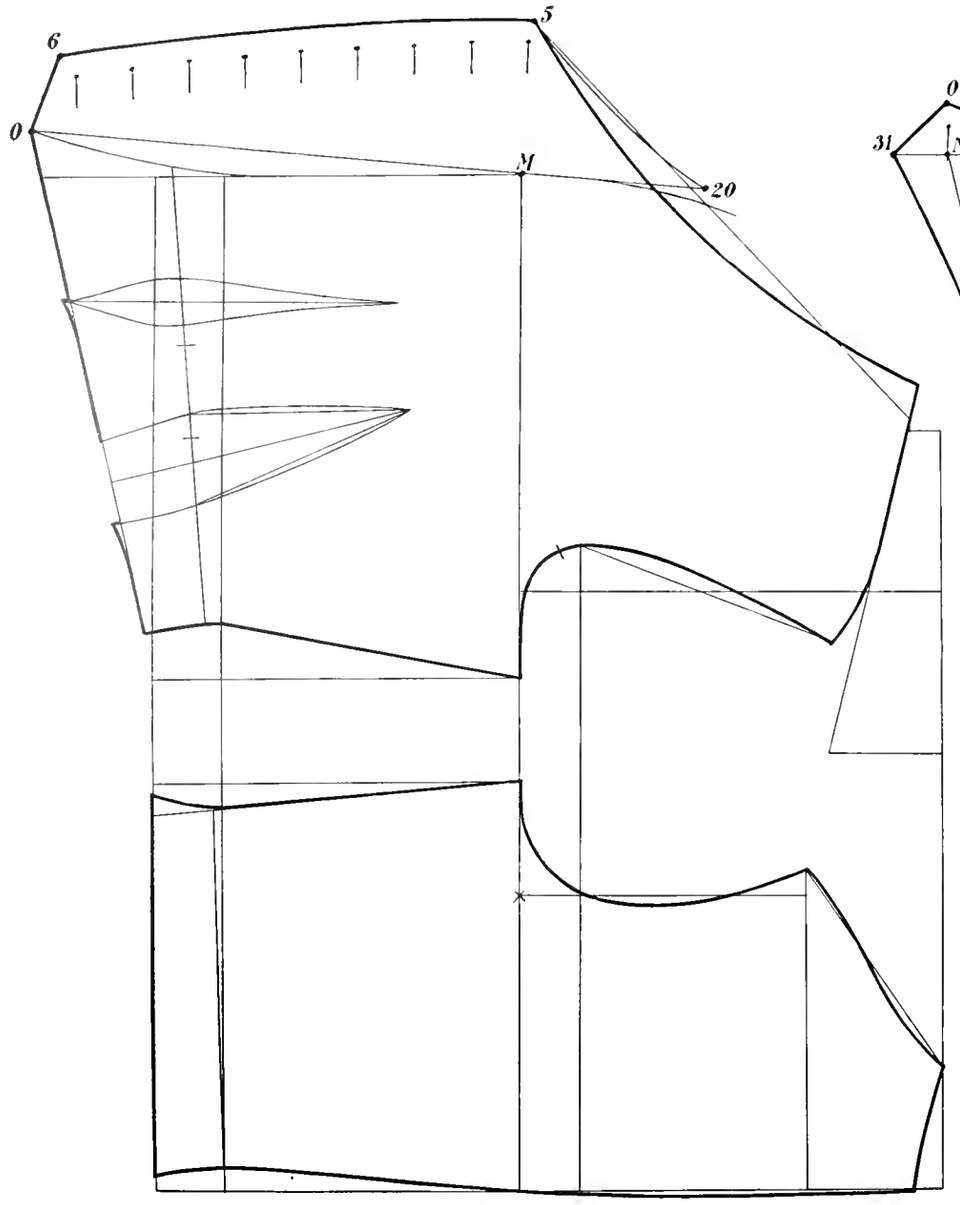
From P add 2 in. to K and take out dart of 1½ in. **7** is 1¼ in. below **Waist Line,** draft curve from M through K to **7** and from **6** to **7.**

When sidebody is desired 1¼ in. dart is taken out at **4** and curved lines drafted from **8** to bottom of draft.

When glove fitting **Eton** is desired it should be drafted same as Glove Fitting Waist, plate IV., page 14, with lapel and front to suit style desired.

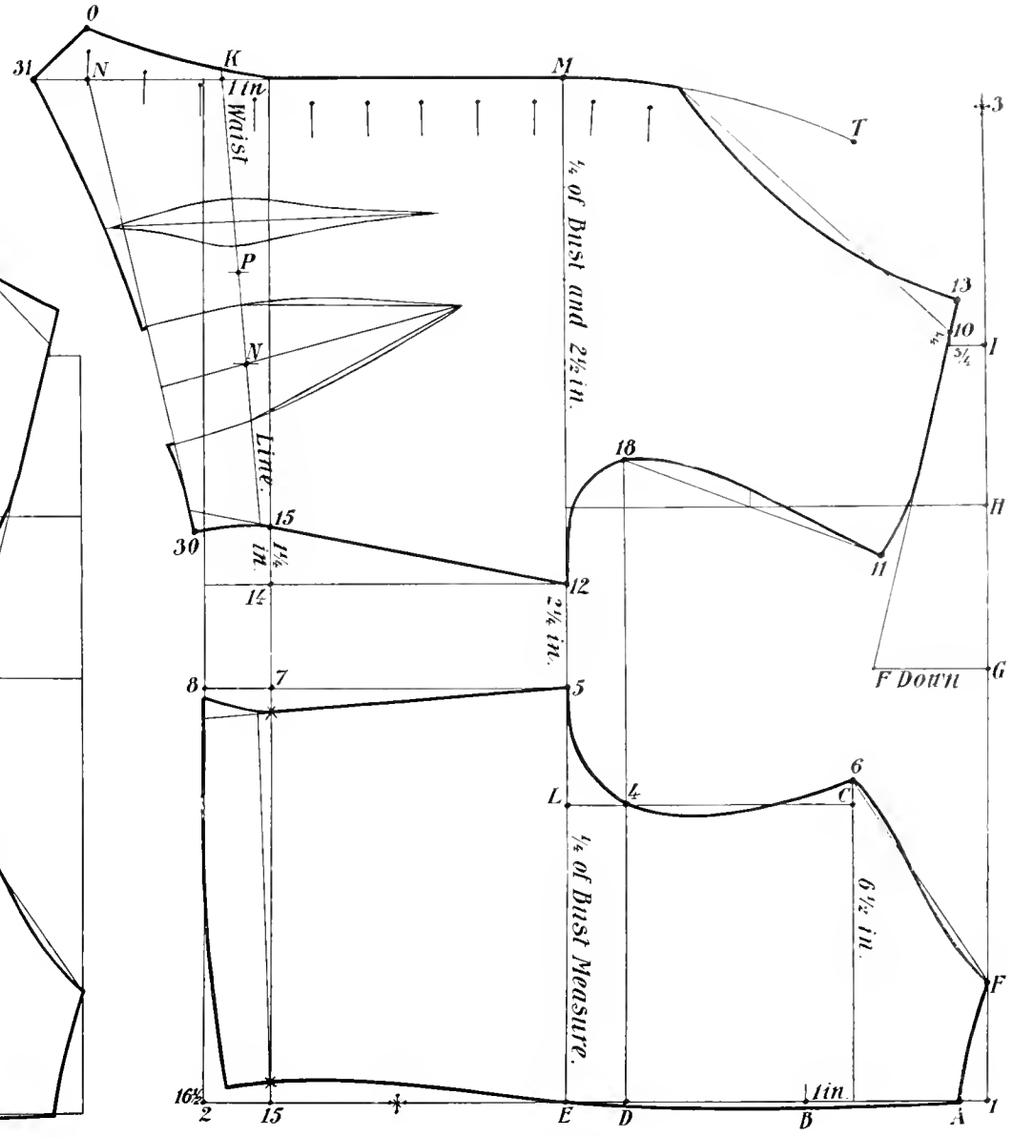
DOUBLE BREASTED VEST.

PLATE XIX.



SINGLE BREASTED VEST.

PLATE XVIII.



SINGLE BREASTED VEST.

PLATE XVIII.

Measure

23 Length.
10 Opening.
8½ Depth of Scye.
15 To Natural Waist.
16½ Back Length.
36 Bust Measure.
24 Waist Measure.
2 Incline.

FOUNDATION LINES.

Draw construction line **1—2** and square across line **1—3.**

Place square on draft with stars to match and mark down A32—B32—D32—E32— by **Depth of Scye Measure** and across F36—G36—H36—I36 by **Bust Measure.**

Measure down 15 in. from A for **Waist Line** and 16½ in. for length of back. Mark up 1 in. from B and square all lines across at right angles to line **1—2** (except B square 1 in. above instead) and down at right angles to line **1—3**, noting how far each line extends.

BACK.

Measure across 6½ in. on line 1 in. above B to C and square down to **4, 6** is ½ in. from C. Draw line from F to **6.**

Measure forward from E one-fourth of **Bust Measure** net (point **5**), square down **5** at right angles to **Bust Line.** Through **7** to **8** from **7** to **x** is ½ in. and from **15** to **x** is ½ in., draw line from **5** through **x** to bottom line and add spring from **x** to bottom line.

Draft curve from A through E and **x** to bottom line and from A to F, F to **6, 6** through **4** to **5.**

FORE PART.

From G measure down F **32, 10** is ⅜ in. down and ¼ in. forward from I.

Measure back from I ¼ in. less than width of back from F to **6** and draft curve to **11. 13** is ½ in. forward from **10.**

Measure forward from **5** 2¼ in. (for 2 in. incline) and square down to bottom of draft.

From **14** to **15** is 1¼ in., draw line from **12** through **15** to bottom of draft and add spring from **15.**

Measure forward from **12** one quarter of **Bust Measure** and add 2½ in. (point M) and square M down to bottom of draft.

O is 1 in. from N, draft curve from K to O.

Measure distance from A to F, place this amount at **10,** measure down length of Vest and add 1 in. (point O) and back up to the opening.

Hold tape at L and sweep from M to T.

Draft curve from **11** through **18** to **Bust Line.**

Measure from **x** to **x** on back, place this amount at **15** and measure across half of waist to N, from N to P is 2 in.

From P to K is 1½ in. Take out two darts one of 1 in. and one of 2½ in., this with 1 in. for seams of dart makes 1½ in.

Draw line from **30** to N and from O to **31,** draft curve as desired from dart to **31.**

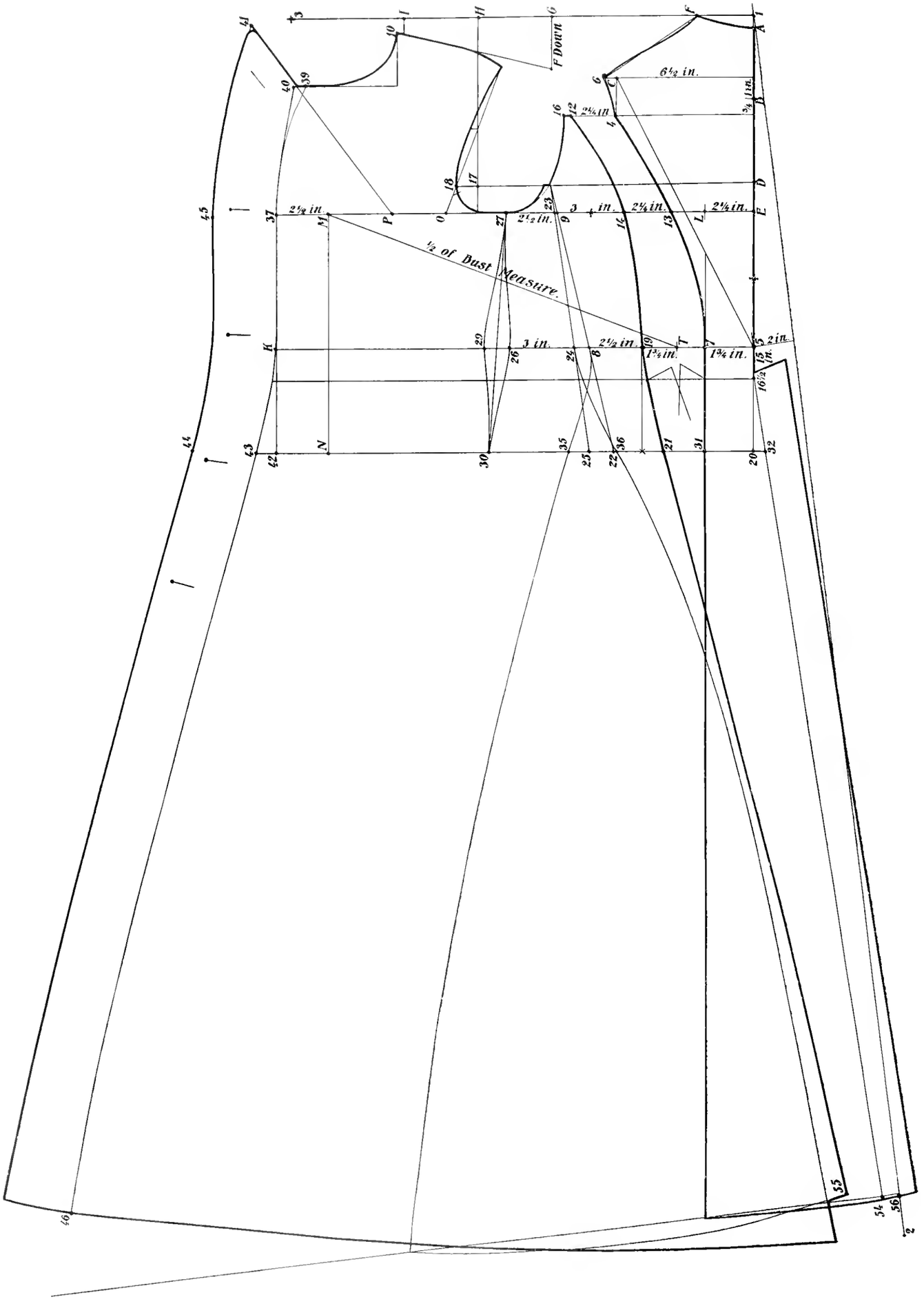
DOUBLE BREASTED VEST.

PLATE XIX.

Draft same as Single Breasted Vest, plate XVIII, except to make **12** to M 2 in. instead of 2½ in. Make lapel from M to **5** 3½ in. and 1¾ in. from O to **6.** Mark up 1 in. to 20 for seam of lapel.

NEWMARKET.

PLATE XX.



NEWMARKET.

Measure.

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
15 To Natural Waist.
16½ To Artificial Waist.
56 Full Length of Back.
55 Full Length of Front (from 39 to 16).
36 Bust Measure.
21 Waist Measure.
12 Hip Measure.

FOUNDATION LINES.

Draw construction line **1—2.** Measure down on base line **1—2** to **Natural Waist** (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from **1** through **5** and square across line **1—3** at right angles to line **1—5.**

Place square on draft with stars to meet and mark down A32—B32—D32—E32 by **Depth of Scye Measure** and F 36—G 36—H 36—I 36 by **Bust Measure.**

Place end of tape at A and measure down 15 in. to **Natural Waist Line**, 16½ in. to **Fashionable Waist Line,** 20 in. to **Hip Line** and 56 in. to **Bottom Line.** From B mark up 1 in. and down ¾ inch.

Square all lines across (except B use 1 in. up and ¾ in. down instead) at right angles to line **1—5** and down at right angles to line **1—3,** noting how far each line extends.

BACK.

Measure across width of back (6½ in.) on line 1 in. above B to C and square down to **4.** **6** to C is ½ in. Make width of back at waist (from **5** to **7**) 1¾ in. and square down through **31** to bottom of draft at right angles to **Waist Line.**

The line from C to **5** is used as a guide line only. **54** is 1 in. from **56**, draw line from **Artificial Waist** (16½ in.) to **54.** Plait is 1½ in. wide which allows for turning in ¾ in. for facing.

Draw line from F to 6, draft curved line from A to F; F to **6**; **6** to **4**; and **4** to **7.**

SHOULDER.

Mark down F 32 from G, and ¾ in. down and ¼ in. forward from I to **10** (for 2 in. incline) draw line from **10** to F. Measure back from **10** width of shoulder from F to **6** and draft curve to **11.**

ARM SCYE AND SIDEBODY.

Mark 2¼ in. from E to L on **Bust Line** (for 2 in. incline) and the same amount from **4** to **12** and **13** to **14.** From **12** to **16** is ¼ in. strong from **17** to **18** is 1 in.

Draft curve from **11** through **18** to **Bust Line** and from **16** to **Bust Line.**

Measure forward ½ of **Bust Measure** (18 in.) from L on **Bust Line** to M and square down to N on **Hip Line.**

From M measure back ½ of **Bust Measure** to wherever it may meet **Natural Waist Line** marked T.

Measure forward from T 1¾ in. the same amount as width of back from **5** to **7**, then square down to **x** at right angles to **Waist Line, x** to **21** is 1 in., **54** to **55** is 1½ in.

Draft curve from **12** through **14, 19** and **21** to **55.**

From **19** to **8** is 2½ in., from **14** to **9** is 3 in., draw line from **Arm Scye** through **9** and **8** to **22,** from **8** to **24** is ¾ in., draw line from **Arm Scye** through **23** and **24** to **25.**

Measure from N to **25, 22** to **21** and from **31** to **32,** you will find this gives 17½ in. and as half of **Hip Measure** is 21, add 1¼ in. from **25** to **36** and 2¼ in. from **22** to **35.**

Draft curve from **8** through **35** to bottom of draft and from **24** through **22** to bottom of draft.

From **23** to **27** is 2½ in., from **24** to **26** is 3 in. Draft curve from **27** through **26** to **30. Hip Line** from **26** to **29** is 1¼ in., draft curve from **27** through **29** to **30.**

FORE PART.

From M add 2½ in. for **Make-up Line** and square down to **Hip Line.**

Hold tape at star (half way between **14** and **9**) and sweep from **37** to **39.**

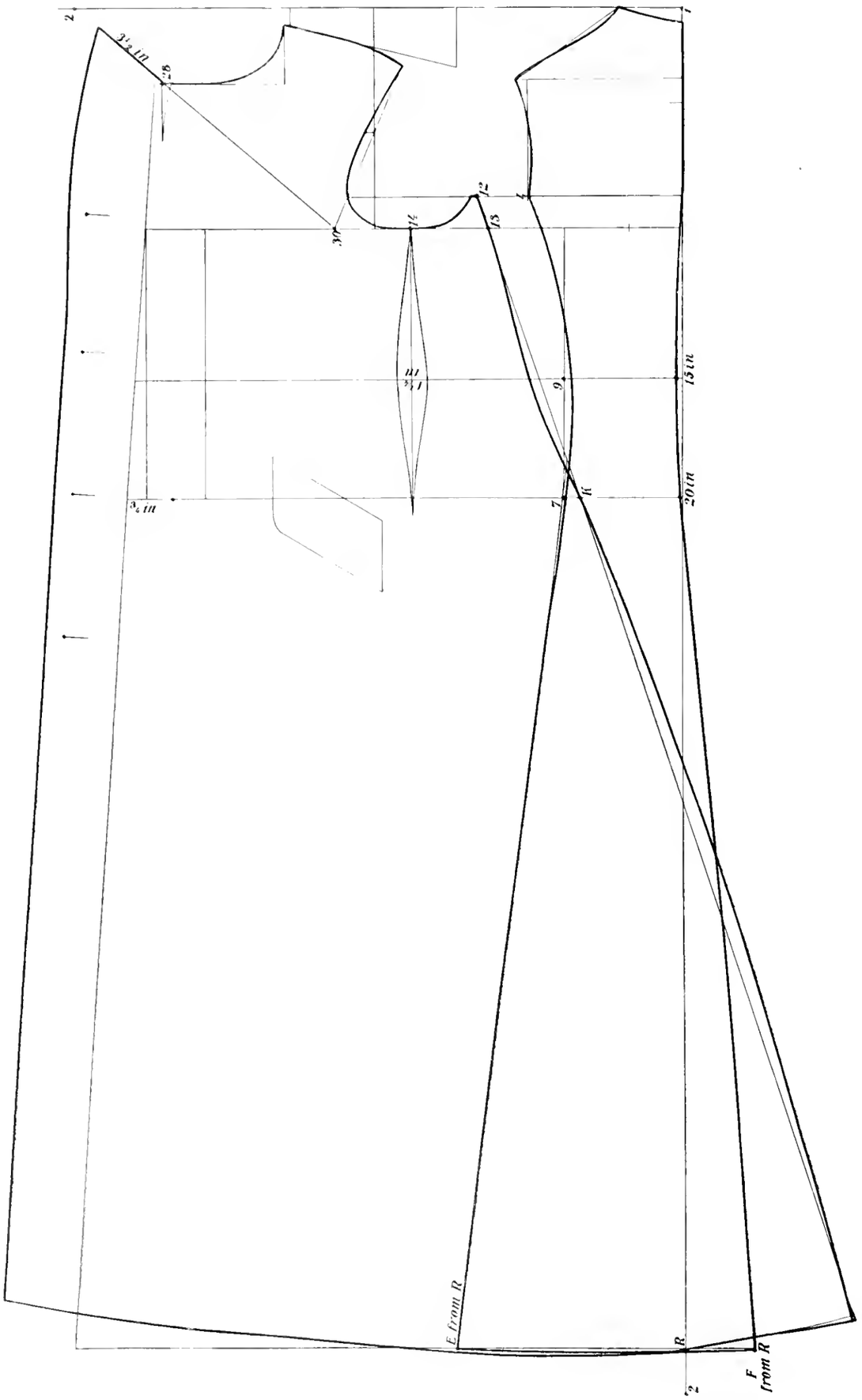
From **10** measure down F 32 and square forward to **Make-up Line.** From **39** to **40** is ½ in. Draw line from **11** through **18** to O, from O to P is 2½ in., draw line from P through **40** to **41** for peak of lapel, from **40** to **41** is 3½ in. From **42** to **43** is 1 in. Draft curve from K at **Waist Line** through **43** to **Bottom of Draft.**

From **43** to **44** and from **37** to **45** is 3 in. draft curve from **41** through **45** and **44** to **Bottom of Draft.**

Measure front length on lady from front collar button to bottom of skirt and apply amount you get from **39** through **37**, K and **43** to **Bottom of Draft, 46** and draft curve from **55** to **46.**

FULL LENGTH BOX COAT.

PLATE XXI.



HOOD.

PLATE XXII.

Measure

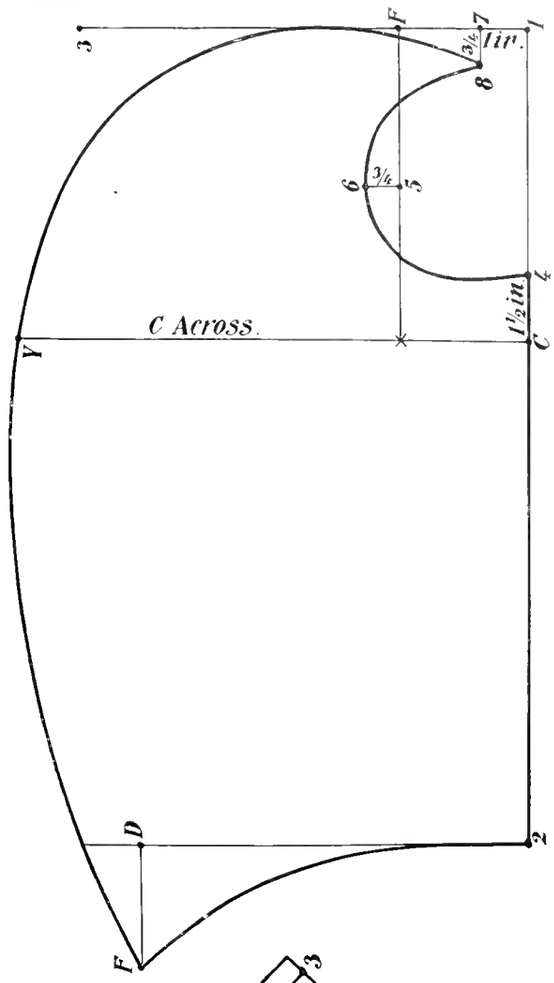
36 Bust Measure.

25 Measure over Head.

This measure is taken from collar seam at shoulder point over head to shoulder point.

Draw construction line **1—2** and square across **1—3**, from **1** measure forward F **36**, square down F at right angles to line **1—3**.

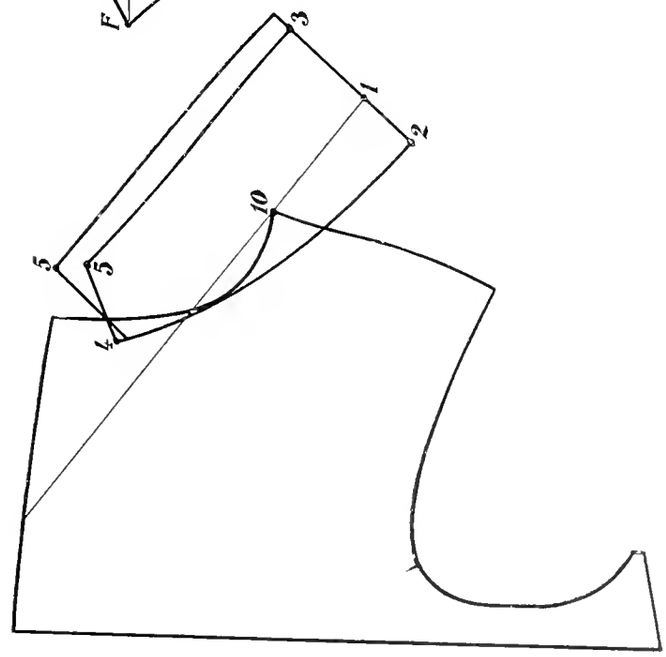
From **1** measure down C 36 and mark up 1½ in. to point **4**, from **4** measure down half the amount over head, square line C and **2**. From **x**, measure across C 36 to Y, from **2** measure across D 36, from D mark down F 36. From **1** to **7** is 1 in., from **7** to **8** is ¾ in., from **5** to **6** is ¾ in. Draft curve from **8** through line **1—3** and Y to F, from **8** through **6** to **4** and from **2** to F.



COLLARS.

Draft brake line from edge of coat at first button through point **10**, add width of top of back from A to F and ¼ in. (amount from **10** to **1**), make stand from **1** to **2** one and half in. and leaf from **1** to **3** two to three inches.

Draft curve from **2** meeting gorge line at brake to **4**, point **4** is ½ in. below gorge line, from **4** to **5** is according to style. Draft line from **3** to **5**.

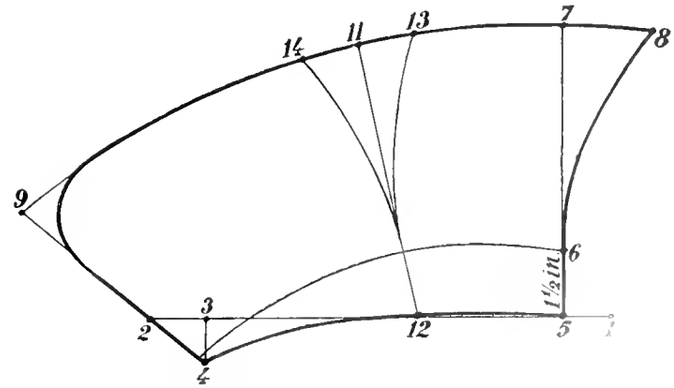


AUTOMOBILE COLLAR.

Draw construction line **1—2**, from **2** to **3** is 1¼ in., from **3** to **4** is 1 in., from **3** to **5** is ½ in. more than neck gorge (plate IV), from **28** to **10** and F to A. From **5** to **6** is 1½ in., from **5** to **12** is 3½ in. Draft curve from **12** to **4** and from **6** to **4**, draw line from **4** through **2** to **9**, square line from **5** through **6** to **7**, from **7** to **8** is 2 in., draft line from **8** through **7** to **9**, **11** is 1½ in. from **7**, draw line from **11** to **12** and add 1¼ in. on each side of **11**, draft curve from **2** to **14** as desired.

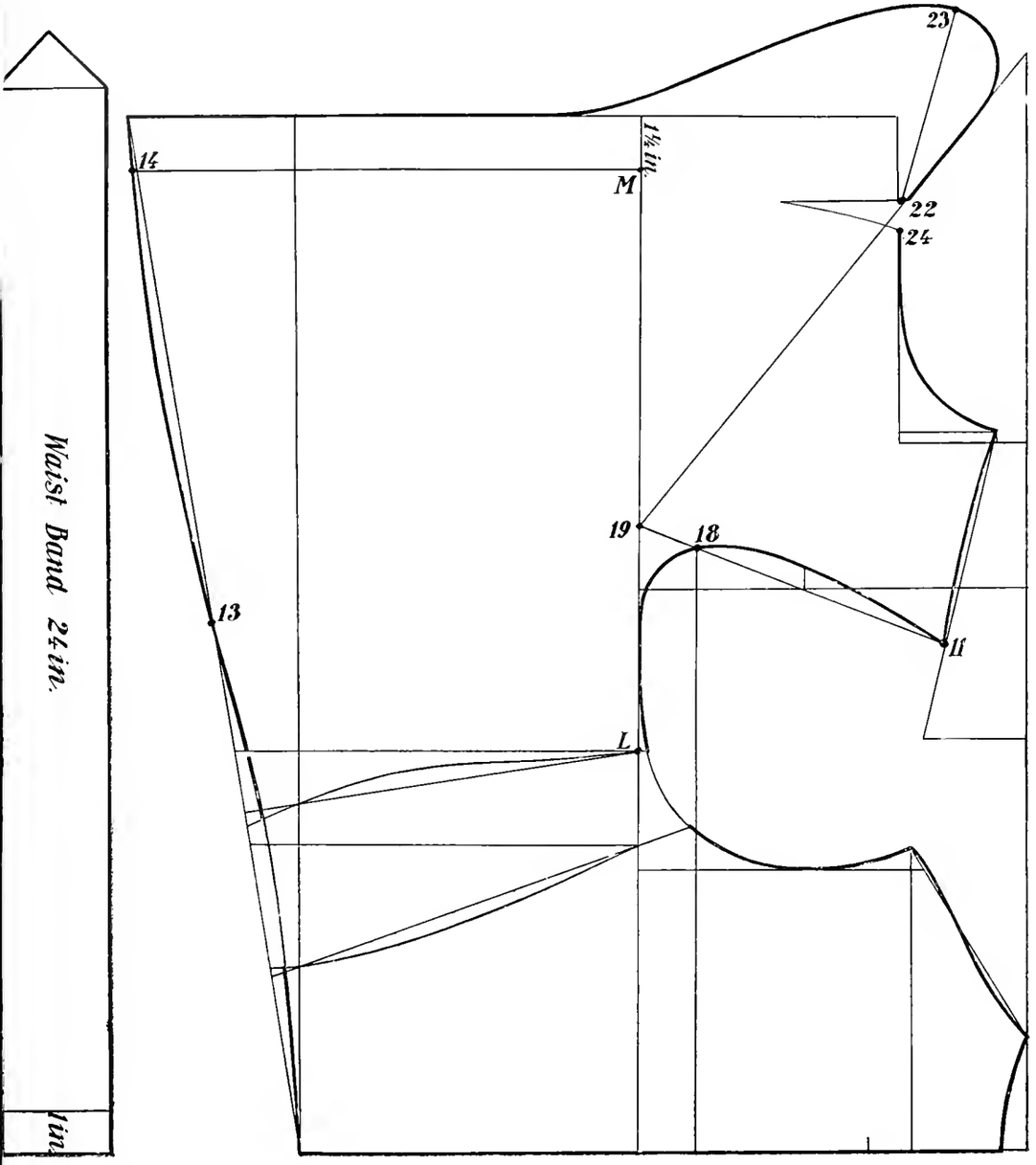
FULL LENGTH BOX COAT.

Draft same as plate VII, page 20, except 56 in. back length and 55 in. front length (to bottom of dress). Mark 36 in. F from R and draft curve from **Bust Line** ¼ in. inside of waist line through **20** to F, mark E **36** from R and draft curve from **4**, one quarter inch inside of **9** through **7** to E. From **13** to **14** is 3 in. square line to hip line from **14** and take out dart of 1¼ in. at **Waist Line.**



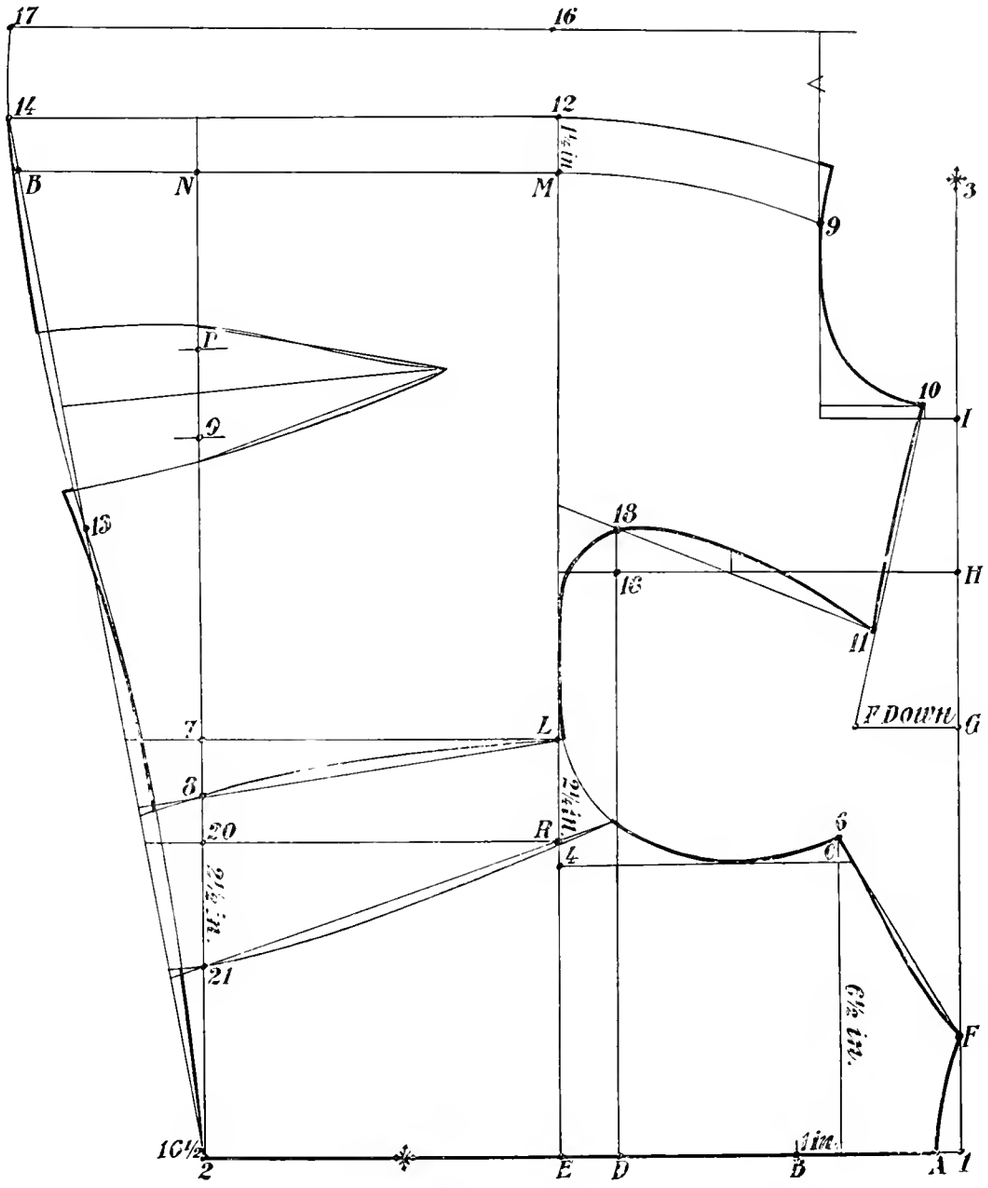
BLOUSE WAIST.

PLATE XXIII.



SHIRT WAIST.

PLATE XXIV.



SHIRT WAIST.

For Silk, Wool, or Washable Goods.

PLATE XXIV.

Measure

18 Length of Sleeve.
8½ Depth of Scye.
16½ Full Length.
36 Bust Measure.
24 Waist Measure.
2 Incline.

Draw line **1—2** and using this line as a base square across line **1—3**.

Place square on draft with stars to meet and mark down A32—B32—D32—E32 by **Depth of Scye Measure** and across F36—G36—H36—I36 by **Bust Measure**.

From B mark up 1 in.

Place end of tape at A and measure down full length (16½) for **Bottom Line.**

Square all lines across at right angles to line **1—2** (except B square this line 1 in. above B) and down at right angles to line **1—3**.

BACK.

Measure across width of back (6½ in to C) on line 1 in. above B and square down to **4 Bust Line.**

From C to **6** is ½ in. draw line form F to **6**.

From **4** to R is 1¼ in. square from R to bottom of draft. From **20** to **21** is 2½ in.

Draw line from arm seye through R and **21** to bottom of draft and curve line from arm size through R and **21** to bottom of draft.

From R to L is 2¼ in. (for 2 in. incline) square L to bottom of draft, from **7** to **8** is 1¼ in. Draw line from L through **8** to bottom of draft. Draft curve from L through **8** to bottom of draft.

Draft curve from A to F, F to **6**, **6** through L to **Bust Line.**

Raise ¾ in. at point L (so that fore part will be proper length for back) and draft from this point to Bust Line.

FRONT.

From L measure across ¼th of **Bust Measure** and add 3½ in. point M. From M square to bottom of draft at right angles to **Bust Line.**

Mark down F **36** from G and ¾ down and ¼ in. forward from I to **10**. Draw line from **10** to F and measure back from **10**, width of shoulder from F to **6.**

From **16** to **18** is 1 in. draft curve, from **11** through **18** to **Bust Line.**

Hold tape at R and sweep from M to **9**. Mark down F **32** from **10** and square forward through sweep line.

Mark down B **32** from N, draw line from **2** through B and draft curve from **2** through **13** and B to front of draft.

From M to **12** and B to **14** is 1 in. for button stand, draw line through **12** to **14** and sweep from **12**

Measure from **2** to **21**, place this amount at **8** and measure across one half of **Waist Measure** to O, from O to P is 2 in. for make-up, from P to N is 4 in. in this case. For lining or foundation take out this amount with dart allowing ½ in. for seams of dart.

For fulness or plaiting add 2 in. from **12** to **16** and 2 in. from **14** to **17,** omit dart altogether, gather on to waist band from **13** to B and gather in to neck band from **9** to **10.**

BLOUSE WAIST.

PLATE XXIII.

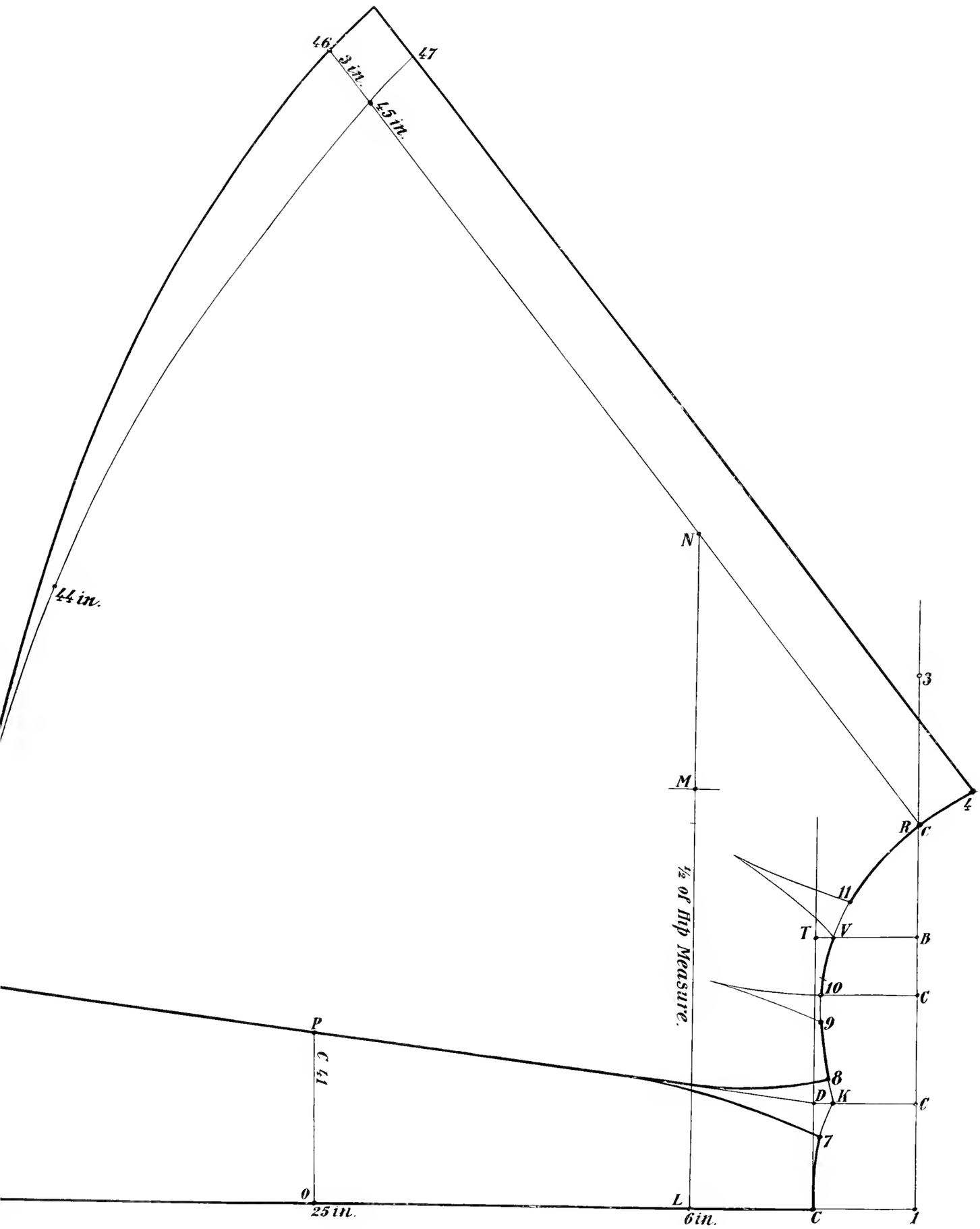
Draft same as Shirt Waist above, except to make distance from L to M one-fourth of **Bust Measure** and 4½ in. instead of one-fourth of **Bust Measure** and 3½ in.

Omit dart altogether and full on to waist band from **13** to **14.**

Waist band is cut size of waist and 1 in. more for button stand. Draw line from **11** through **18** to **Bust Line** for **19** and draw line from **19** through **22** for lapel. From **22** to **23** is 4½ in., take out ½ in for V from **22** to **24.**

THREE PIECE SKIRT.

PLATE XXV.



THREE PIECE OR CIRCULAR SKIRT.

Measure

24 Waist Measure.

41 Hip Measure.

43 Front Length.

44 Side Length.

45 Back Length.

FOUNDATION LINES.

Draw construction line **1—2** and using this as a base, square across line **1—3.**

Mark down C24 (by **Waist Measure**) from 1, mark across C24 from 1, C across 24 again from C, B24 from C and C24 from B by **Waist Measure.**

Place end of tape at C and measure down 6 in., 25 in. (all sizes) and 43 in. full length.

Square all lines across at right angles to line **1—2** and down at right angles to line **1—3,** noting how far each line extends.

From L measure across half of **Hip Measure** (20½ in.) to M.

From M to N is 13 in. (all sizes).

From O mark across C41 to P (by **Hip Measure.**)

Draw line from D through P to bottom of draft.

Draw line from R through N to bottom of draft.

Draft curve from C to K.

From T to V is ¾ in. Draft curve from K through V to R.

DARTS.

From **7** to **8** is 3 in., from **9** to **10** is 1½ in. and from V to **11** is 2 in.

WAIST MEASURE.

Apply Waist Measure from C to **7, 8** to **9, 10** to V and **11** to R, this should give 1½ in. more than half of waist measure, provided it measures more make darts larger, should it measure less make darts smaller.

Measure Side Length from V to **44,** measure Back Length from R, or line N to **45,** from **45** to **46** is 3 in., for trail make this more or less as desired.

Draft curve from **43** through **44** to **45.**

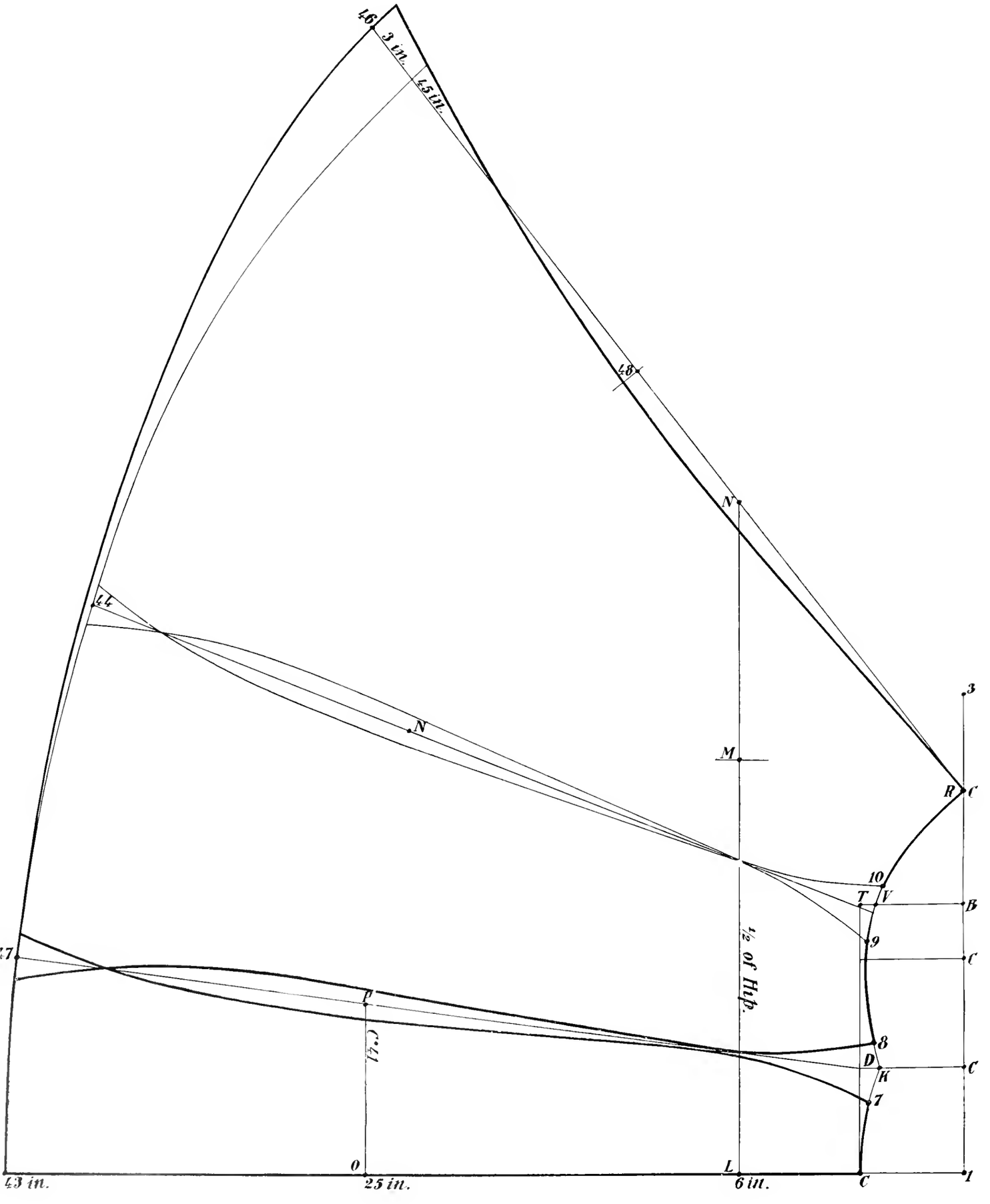
From R to **4** is 3 in. and from **45** to **47** is 3 in., this is for **Plait,** should separate plait be placed on top cut out on line from R through N to Bottom of Draft.

For Circular Skirt open goods and place this pattern with **43—47** lengthwise of goods.

Mark line on goods from C to **43** and around entire pattern. Then turn pattern over so that C and **43** will meet and mark around entire pattern on opposite side. This makes only one seam in skirt, namely from **4** to **47** with plait, or from R to **45** without plait.

FIVE-GORED SKIRT.

PLATE XXVI.



FIVE GORED SKIRT.

Measure

24 Waist Measure.

41 Hip Measure.

13 Front Length.

44 Side Length.

45 Back Length.

FOUNDATION LINES.

Draw construction line **1—2** and using this as a base, square across line **1—3.**

Mark down C24 (by **Waist Measure**) from 1, mark across C24 from 1, C across 24 again from C, B24 from C and C24 from B by **Waist Measure.**

Place end of tape at C and measure down 6 in., and 25 in. (all sizes) and 43 in. full length.

Square all lines across at right angles to line **1—2** and down at right angles to line **1—3,** noting how far each line extends.

From L measure across half of **Hip Measure** (20½ in.) to M.

From M to N is 13 in. (all sizes).

From O mark across C41 to P (by **Hip Measure.**)

Draw line from D through P to bottom of draft.

Draw line from R through N to bottom of draft.

Draft curve from C to K.

From T to V is ¾ in. Draft curve from K through V to R.

DARTS.

From **7** to **8** is 3 in. and from **9** to **10** is 2 in.

WAIST MEASURE.

Apply Waist Measure from C to **7, 8** to **9, 10** to R, this should give 1½ in. more than half of waist measure, provided it measures more make darts larger, should it measure less make darts smaller.

Draw line from T to **44** (this can be varied to suit making back or side gore larger or smaller).

Measure Side Length from T to **44,** measure Back Length from R, or line N to **45,** from **45** to **46** is 3 in. for trail, make this more or less as desired.

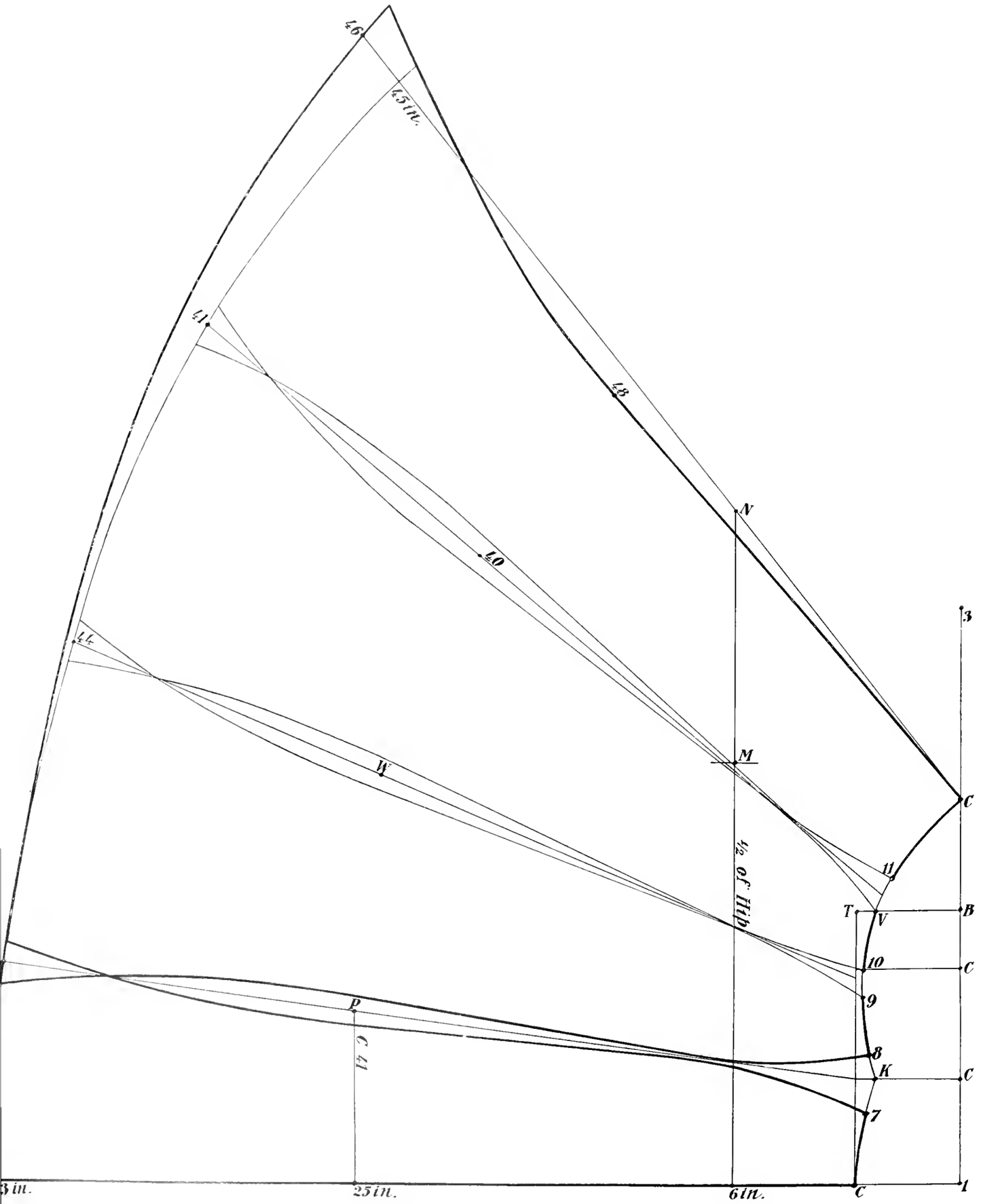
Add plait from R and **45** of whatever width desired or cut through on line R N to **45** and put on separate plate.

Draft curve from **43** through **44** to **45.**

For curved or flounced effect mark in ¾ in. on each side of P and N and ½ in. inside of **48,** add 1 in. on each side of **44** and **47** and outside of **45** and draft curve accordingly.

SEVEN GORED SKIRT.

PLATE XXVII.



SEVEN GORED SKIRT.

Measure

24 Waist Measure.

41 Hip Measure.

13 Front Length.

11 Side Length.

15 Back Length.

FOUNDATION LINES.

Draw construction line **1—2** and using this as a base, square across line **1—3.**

Mark down C24 (by **Waist Measure**) from 1, mark across C24 from 1, C across 24 again from C, B24 from C and C24 from B by **Waist Measure.**

Place end of tape at C and measure down 6 in., and 25 in. (all sizes) and 43 in. full length.

Square all lines across at right angles to line **1—2** and down at right angles to line **1—3,** noting how far each line extends.

From L measure across half of **Hip Measure** (20½ in.) to M.

From M to N is 13 in. (all sizes).

From O mark across C41 to P (by **Hip Measure.**)

Draw line from D through P to bottom of draft.

Draw line from R through N to bottom of draft.

Draft curve from C to K.

From T to V is ¾ in. Draft curve from K through V to R.

DARTS.

From **7** to **8** is 3 in. and from **9** to **10** is 2 in.

WAIST MEASURE.

Apply Waist Measure from C to **7, 8** to **9, 10** to R, this should give 1½ in. more than half of waist measure, provided it measures more make darts larger, should it measure less make darts smaller.

Measure Side Length from T to **44,** measure Back Length from R, or line N to **45,** from **45** to **46** is 3 in. for trail, make this more or less as desired.

Draft curve from **43** through **44** to **45.**

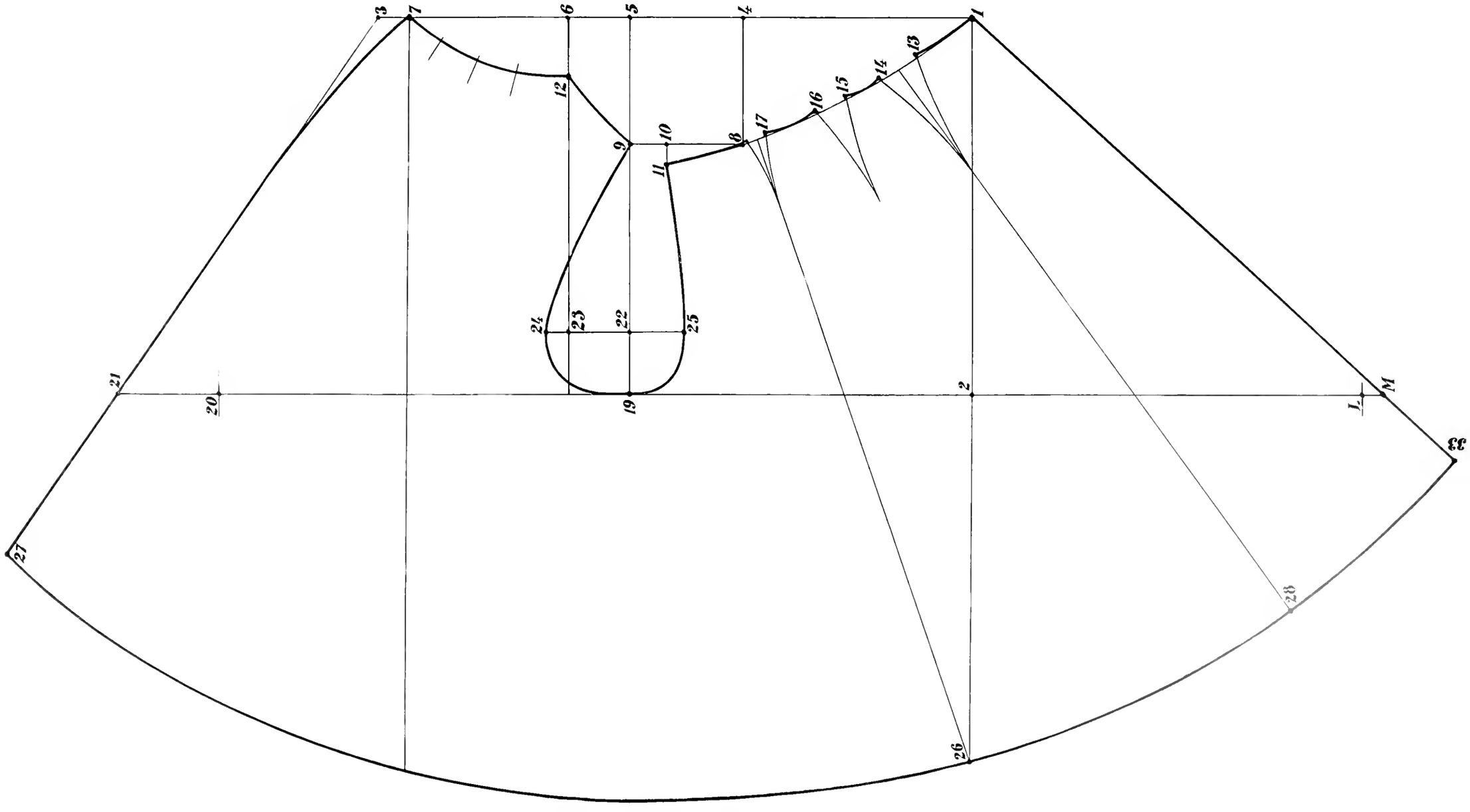
Draw line from K to **47** from half way between **9** and **10** through M to **44** and from half way between V and **11** through **40** to **41,** take out ¾ in. on each side of P, W and **40** and inside of **48** add ¾ in. on each side of **47, 44, 41** and outside of **45** and draft curves accordingly.

SPECIAL NOTICE.

When skirt pattern is placed on goods cut so that a bias edge will seam with a straight edge except in centre of back.

DIVIDED SKIRT

PLATE XXVIII.



DIVIDED SKIRT.

PLATE XXVIII.

Measure

22 Waist Measure.
11 Hip Measure.
33 Length.

CONSTRUCTION LINES.

Draw line **1—2** and using this as a base square across line **1—3.**

From **2** to L is one-half of **Hip Measure** (20½ in.) and from L to M is 1 in.

Draw line from **1** through M to bottom of draft.

From **1** to **4** is one-half of **Waist Measure** (12 in.), from **4** to **5** is 1 in. less than one-fourth of **Waist Measure** (5 in.), from **5** to **6** is one-eighth of **Waist Measure** (3 in.), from to **7** is one-third of **Waist Measure** (8 in.) from **7** to **3** is 1½ in., from **4** to **8** is one-fourth of **Waist Measure** (6 in.) and the same amount from **5** to **9,** from **8** to **10** is one-sixth of **Waist Measure** (4 in.), from **10** to **11** is 1 in., from **6** to **12** is one-eighth of **Waist Measure** (3 in.)

Draft curve from **1** through **8** to **11** and from **9** to **12** and from **12** to **7.**

From **13** to **14** is 2 in., from **15** to **16** is 1½ in., from **17** to **8** is 1 in.

Measure Waist from **14** to **15, 16** to **17, 8** to **11** and from **9** to **12.** This should measure half of **Waist Measure** (12 in.) and 2 in. for seams (14 in.) should it measure more make darts larger and if it should measure less make darts smaller.

From **1** to **13** is width of fore part this is not included in waist measure as it is placed on top of skirt, to be buttoned down seam **14—28** so as to be taken off at will.

From **12** to **7** is for plaits.

Square across from **2** through **19** and **20** at right angles to lines **1—2.**

From **19** to **20** is ½ of **Hip Measure** (20½ in.) from **20** to **21** is 5 in.

Draw line from **3** through **21** to bottom of draft.

From **19** to **22** is ⅛th of waist measure (3 in.), from **23** to **24** is 1 in., from **22** to **25** is B—**24** by waist measure **on square.**

Draft curve from **11** through **25** to **19** and from **9** through **24** to **19.**

Measure length of skirt on line **1**—M to **33.** Measure same amount from **17** to **26** and from **7** to **27.** Draft curve from **33** through **26** to **27.**

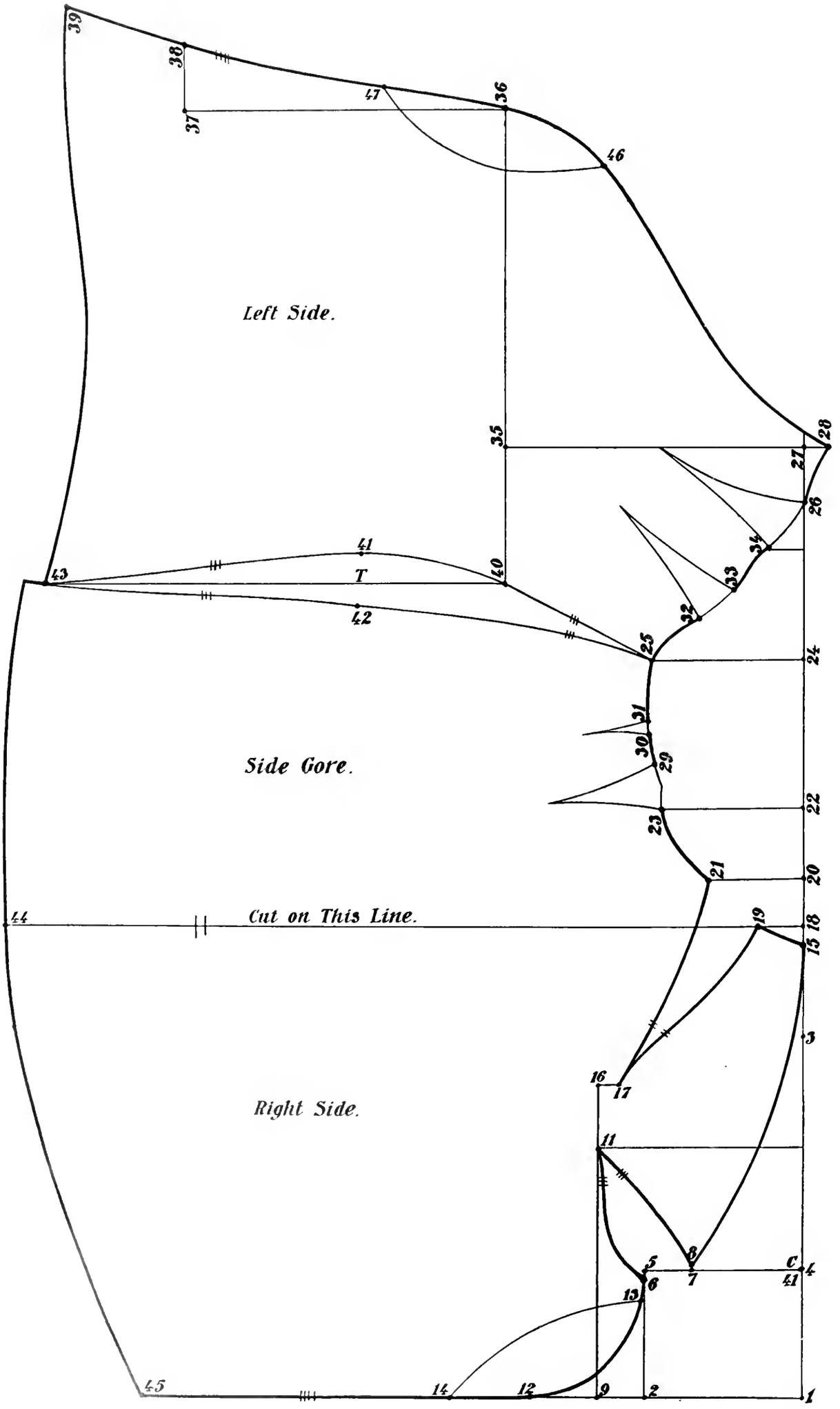
Square all points down at right angles to line **1—3** noting how far each line extends.

This Skirt is made in three pieces and should be cut on line **14—28** and **17—26,** this forms side piece.

Balance of draft from **8—26** to **7—27** forms a skirt for each leg and fulness of plaits in back prevents any appearance of skirt being divided when lady is standing.

RIDING HABIT SKIRT

PLATE XXIX.



RIDING HABIT SKIRT.

Measure

21 Waist Measure.

41 Hip Measure.

59 Length.

FOUNDATION LINES.

Draw construction line **1—2** and using this as a base square line **1—3**.

From **1** to **2** is one-fourth of **Hip Measure** (10¼ in.) From **1** to **4** is C **41** (**Hip Measure**).

Square across point **2** at right angles to line **1—2** and square down point **4** at right angles to line **1—3**. From **5** to **6** is ¾ in., from **5** to **7** is one-eighth of waist measure (3 in.), from **7** to **8** is ½ in.

From **2** to **9** is one-eighth of **Hip Measure** (3 in.), square across from point **9**.

From **4** to first line across is one third of waist measure (8 in.), square down to point **11**. Draft curve from **8** to **11** and from **6** to **11**.

From **9** to **12** is one-sixth of waist measure (4 in.) Draft curve from **6** to **12**.

Line **13** to **14** simply shows where chamois skin should be placed.

From blank line to **15** is one half of **Waist Measure** and 1 in. added (13 in.)

Draft curve from **8** to **15**.

From **11** to **16** is one-sixth of **Waist Measure** (4 in.)

From **16** to **17** is 1¼ in., from **15** to **18** is 1 in., from **18** to **19** is one-eighth of waist measure (3 in.)

Draft curve from **15** to **19** and from **19** to **17**.

From **18** to **20** is one-eighth of **Waist Measure** (3 in.), from **20** to **21** is one-fourth of **Waist Measure** 6 in., draft curve **21** to **17**.

From **20** to **22** is one-sixth of waist measure and ½ in. added (4½ in.), from **22** to **23** is one-third of **Waist Measure** and 1 in. more (9 in.), from **22** to **24** is one-third of waist measure and 1½ in. (9½ in.), from **24** to **25** is one-third of **Waist Measure** and 1 in. (9 in.), from **24** to **26** is one-third of **Waist Measure** and 2 in. (10 in.), from **26** to **27** is one-eighth of **Waist Measure** and ½ in., from **27** to **28** is 1½ in.

Draft curve from **21** to **23**, **23** to **25** and from **25** through **26** to **28**.

From **23** to **29** is 3 in., from **30** to **31** is 1 in., from **32** to **33** is 3 in., from **34** to **26** is 3 in. Apply waist measure from **15** to **19**, **21** to **23**, **29** to **30**, **31** to **32**, **33** to **34** and **26** to **28**.

This should measure 2 in. more than full size of waist (26 in.), should it measure more make darts larger and if it measures less make darts smaller.

From **28** to **35** is one-half of **Hip Measure** (20½ in.), from **35** to **36** is one-half of Hip Measure and 1 in. (21½ in.), square down from **36** at right angles to line **35—36**. From **36** to **37** is one-half of Hip Measure (20½ in.), from **37** to **38** is one-sixth of Waist Measure (4 in.) Draft curve from **28** through **36** and **38** to Bottom of Draft **39**, square across from **35** to **40** at right angles to line **28—35**, from **35** to **40** is one third of Waist and 1 in. (9 in.)

Square line to bottom of draft at right angles to line **35—40**, hollow 1½ in. on each side of T, draft curve from **25** through **40** and **41** to **43** and from **25** through **42** to **43**.

Square line from **18** to bottom of draft **44**, cut through on this line.

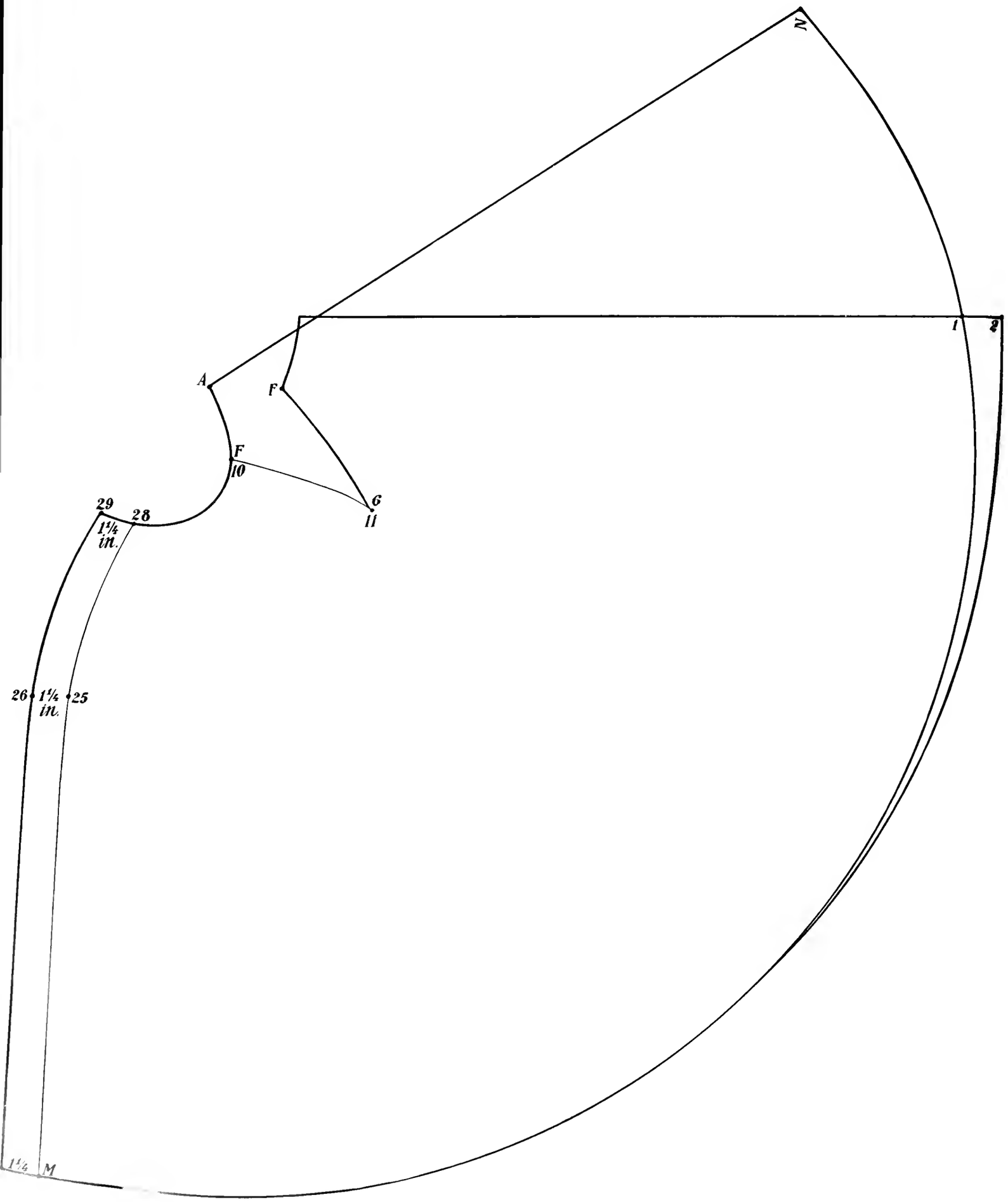
Measure length of skirt from **15** to 8, **6** through **12** to **45** and from **28** through **36** to **39**.

From **24** to **43** is 10 in. less than length.

Draft curve from **45** through **44—43** to **39**.

CAPE.

PLATE XXX.



CAPE.

SQUARE.

PLATE XXXI.

Measure.

Stand lady in front of mirror, place tape at front shoulder (point **10**) and measure over shoulder and down along arm full length may be desired and take usual measures for waist.

First draft waist pattern same as plate IV, page 14, and place pattern on paper so that point F on back and point **10** on shoulder and point **6** on back and point **11** on shoulder will meet.

Draft from **10** to **28** and down, sweep through **25** and K to bottom of draft.

Draft from F to A and from A down back through **15½** to bottom of draft.

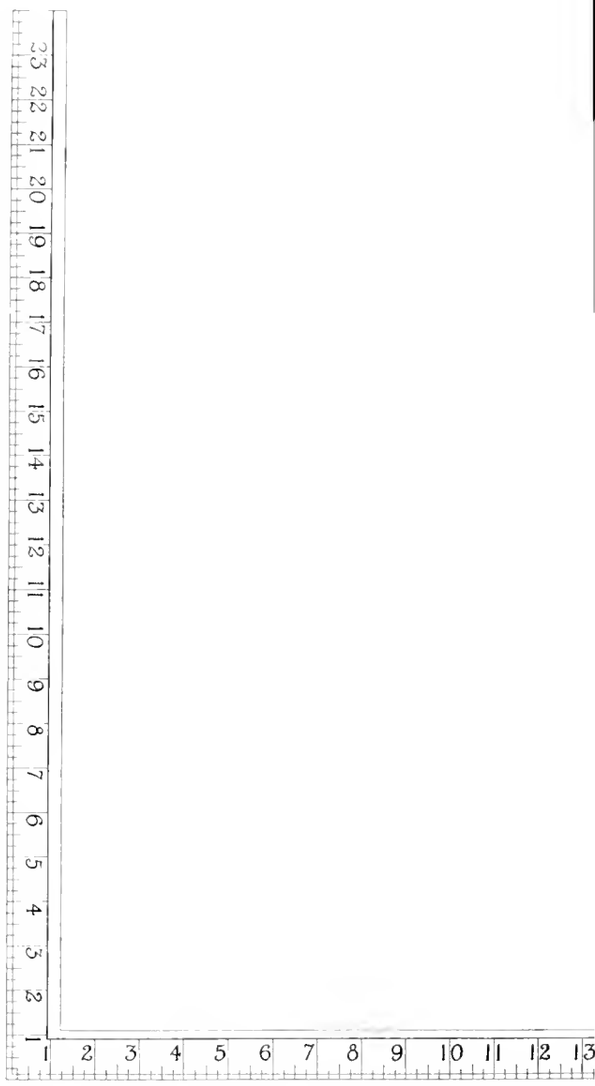
From **10** measure down length of Cape on line **25**—K and hold at **10** and sweep from M to N.

The above gives full military cape, when you want less drapery, place back and shoulder together at point **6** and **11** and 3 in. apart from F to **10** and mark around back from **6** to F, F to A and A through **15** to bottom of draft.

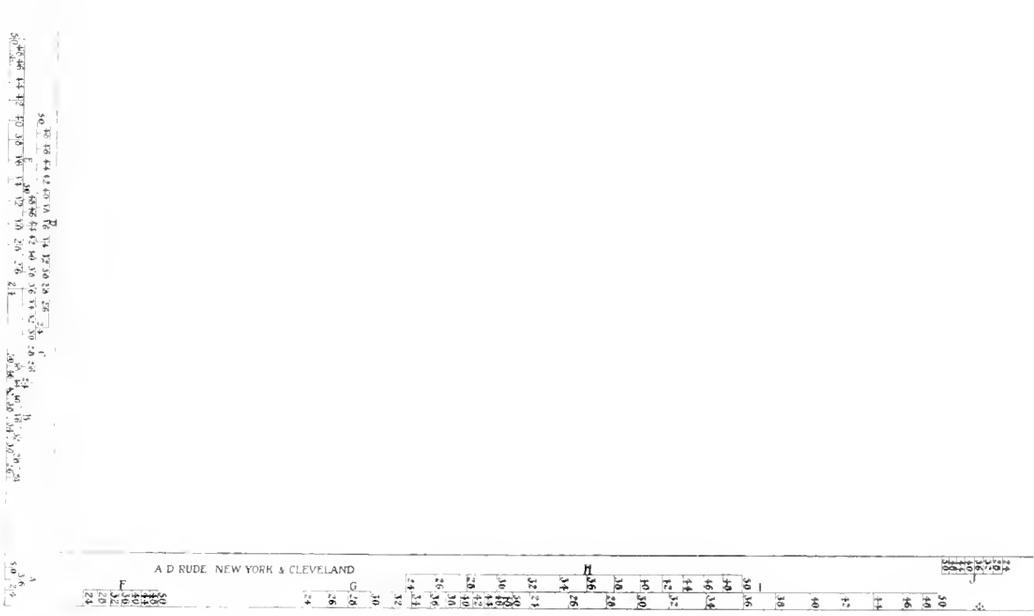
Should you wish still less fulness, cut in front of waist 2 in. from **10** back to 2 in. from **6** and open front on this line, after front is opened cut the same as you opened back (from **10** to F).

Mark down line **25**—K and around bottom same as you did back, this takes out two darts on each shoulder and makes a perfect fitting golf cape.

Add 1¼ in. from **28** to **29, 25** to **26** and M to P (for button stand). Draft line from **29** through **26** to P.



This Square (a duplicate of which is furnished with this Text Book) is a one-fourth reduction of large box wood square and will apply to the plates in this Text Book in the same manner that large square is used in making large drafts, except to full length box coat, newmarket and skirts.



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